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W. W. TRACY, Jr.

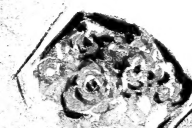
SEEDS 1905



W. E. DALLWIG



34
JUNEAU
AVE.,



KRUS
ENGR. CO.
MILW.

MILWAUKEE, WIS.

DALLWIG'S TESTED SEEDS



E handle absolutely nothing which we do not believe to be the best obtainable and we know that we have unsurpassed advantages for the procurement of the best seeds at a cost which will enable us to offer them to our customers at the lowest prices at which well-grown and selected seeds true to name can be furnished; but we do not claim to compete in prices with those made by irresponsible and haphazard growers and dealers whose sole effort is to secure the lowest priced seeds regardless of quality; such seeds are not cheap, but dear at any price.

SEED BUYING

comes but once a year for most home gardens, and should not be decided on the claim of cheapness, for the matter of saving a few cents is but a trifle as compared to the loss of labor, ground and perhaps the entire crop, with much disappointment added, when seeds are bought for low prices rather than on merit.

There is no Doubt with Dallwig's Seeds, they are Grown Right

Such is the testimony, year after year, of many critical market gardeners and experienced florists who plant for profit. These practical growers rely on us.

BUSINESS CONDITIONS

OUR TERMS

are strictly cash with the order. Remittances may be safely made by Postal Money Order or Express Money Order. Postage stamps are taken as cash for small amounts. If local checks are used 20 cents must be added to cover the cost of collecting.

POSTAGE.

We pay postage on seeds in packets and ounces; on larger quantities postage must be added to catalog prices at the rate of 8 cents per pound. In case of peas, beans and field corn add 15 cents per quart, on sweet corn 10 cents per quart, to catalog prices, if wanted by mail.

GUARANTEE

Seeds of the best quality will sometimes fail for various reasons, such as: sowing too deep or too shallow, in too wet or too dry soil; insects of all descriptions destroying the plants as soon as, or before, they appear; cold or dry air may check the growth of young plants or destroy them entirely, and a great many other contingencies may arise to prevent the best seeds from giving satisfaction. For all these reasons it is impossible to **guarantee seeds**, and, while we exercise the greatest care to have all seeds, bulbs and plants pure, true and reliable, we give no warranty, expressed or implied, as to description, quality, productiveness, or any other matter, of any seeds, bulbs or plants we send out, and we will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned.

MARKET GARDENERS

and Truckers, Public Institutions and others who need seeds in larger quantities, will, on application, be supplied with a **Special Price List**.

The prices in this catalog are subject to change without notice

OUR SEED CATALOG.

Please show this SEED CATALOG to your friends, and if you should receive an extra copy be kind enough and hand it to some neighbor interested in seeds. We would be glad to send a copy free to any of your friends likely to want seeds. An order this season, no matter how small secures our catalog for the next as soon as issued.

German Catalog upon Application.

Deutscher Katalog auf Verlangen.

VEGETABLE GARDENING

By Samuel B. Green

Professor of Horticulture in the Minnesota University.

A Manual on the Growing of Vegetables for Home Use and Marketing

New Edition

Size 5 1/2 x 8 1/2 in.

260 pp.

122 illustrations.

A book that every market gardener and private planter should have.

Special Offer:

With an order for Seeds, Bulbs or Plants selected from this catalog, amounting to \$1.00 or more, we will supply a copy of **Vegetable Gardening**, paper covers, at 25c; with a \$2.00 order free, or cloth bound for 50c; with a \$4.00 order the same cloth bound free. The book must, however, be requested when ordering.



W. E. DALLWIG

34 Juneau Ave.

MILWAUKEE, WIS.



SUPPLEMENT

TO W. E. DALLWIG'S 1905 SEED CATALOGUE



Among the following will be found a number of distinct Novelties, together with such varieties, which, as contrasted with others, possess superior merit, and are worthy of the prominence we give to them.



Celeriac
Delicatess.

New Celeriac „Delicatess”.

In improving Celeriac or Turnip-Rooted Celery, the aim of the grower is to obtain a smooth bulb with few or no side roots, and small tops, together with white and tender flesh.

„Delicatess” is the result of years of careful selection and cultivation with these objects in view. It produces perfectly smooth, oval-shaped roots without side roots. The flesh is snow-white, tender, and of most delicious flavor. This Celery will produce good roots even on poor soil. Packet 5c

PREMO World's Earliest Sweet Corn.

It not only combines all the merits of the leading early varieties, but it is also really superior to them all in size, quality and yield. **Premo** can be planted fully as early as any, for the young plants withstand slight frosts, while other varieties are tender and the seeds will rot if planted before the soil becomes warm. The stalks grow about 5 feet high, and are very vigorous generally bearing **two well-developed ear to a stalk.** These ears measure 1 to 2 inches longer than those of **Cory.**

Packet 5c, pint 15c, quart 25c

Fordhook Famous Cucumber.

The fruits are perfectly smooth and very dark green, 12 to 17 inches long, straight and solid. Flesh greenish-white, firm and crisp. It is a shy seeder, an enormous cropper and a handsome table fruit, which never turns yellow. The vines are of unusually vigorous growth. Gardeners everywhere

will want this **most handsome of all table cucumbers**, both because they will bring an extra price on market, are of the white spine type,—long retaining their dark green color,—and because the vigorous vines are so wonderfully prolific.

Packet 5c, oz. 20c, $\frac{1}{4}$ lb. 60c

Dallwig's "Star of the Market" Kohlrabi.

Much superior to Vienna. It is very early and **the best for forcing** as well as for outdoor culture. Bulb is greenish-white, smooth, of finest texture and quality. Favorite market gardener variety. Pkt. 5c, oz. 20c

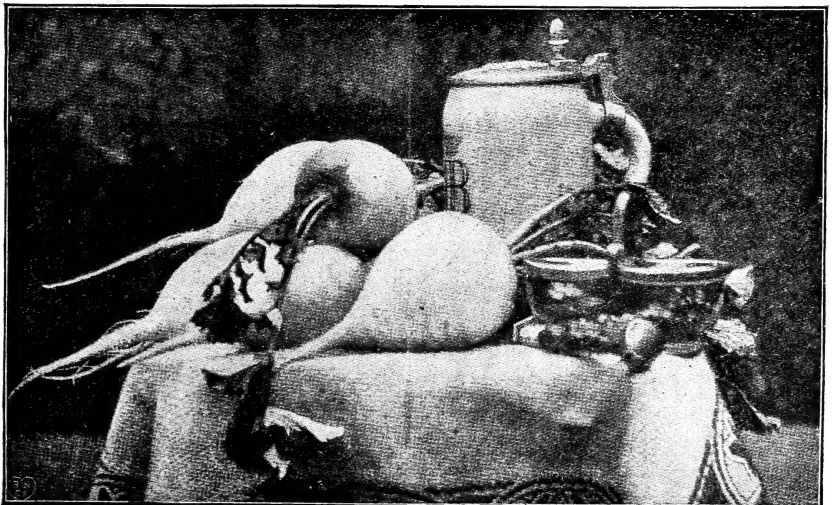
Minnesota Red Globe Onion. A new true Globe Onion of the finest and most select type, so-called to distinguish it from other stocks of red globe onion, differing in earliness, productiveness, perfection of shape and long keeping qualities.

Packet 5c, oz. 20c, $\frac{1}{4}$ lb. 60c

New White Munich Radish.

The excellence of this new radish is found in the quite pronounced, but nevertheless agreeable, pungency of its flavor. It is very crisp and tender, and has an extremely smooth and fine grained skin with no tendency to throw out side roots. The illustration shows its shape. Suitable both for forcing and outdoor cultivation.

Packet 5c, oz. 10c



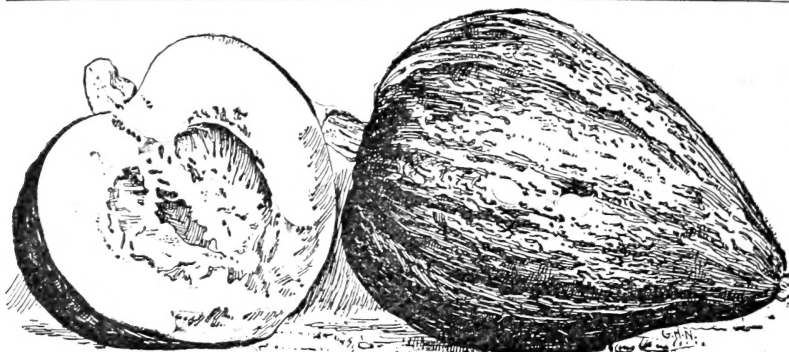
See page 25 for
our new Gray Oval
Shaped Radish.

New White Munich Radish.

New Earliest Radish Hailstone. *The quickest-growing Radish on record.*

Ready for table in 19 days. The radishes are regularly "turnip shaped." They measure one inch in diameter and about half an inch in depth; round, smooth and snowy-white, with a short slender tap-root. The flesh is solid, crisp and mild in flavor. Its unusually small foliage (allowing them to be grown closely together), combined with extreme earliness, handsome appearance, solidity and superb quality, cannot fail to quickly make it **the most popular first-early white turnip-radish.**

Packet 5c, oz. 10c



Delicious Squash.

The Delicious SQUASH.**The Best Flavored Squash in Existence.**

Its color is almost uniformly of a green shade with occasionally a blue specimen, it being just about as pure in this respect as was the original Hubbard. In size it also closely follows the original Hubbard. In thickness of flesh it surpasses nearly every variety, the color being a dark orange. For table use no squash compares with it

in its remarkable combination of fineness and compactness of grain, dryness, sweetness and exceeding richness of flavor. It is a fall and winter squash, and though at any time excellent, it, like the old Hubbard, does not acquire its best quality until winter.

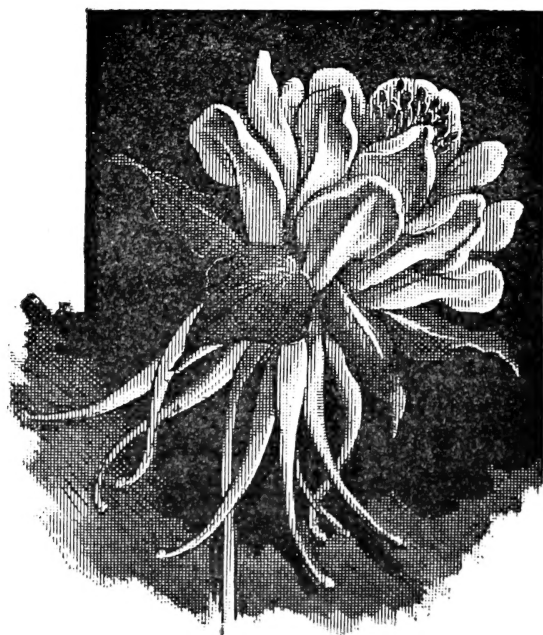
Packet 5c, oz. 15c

DWARF STONE TOMATO. In habit of vine it resembles Dwarf Champion but is of stronger growth and more erect.

The fruit resembles the tall Stone in color, shape, and what is more remarkable for an erect sort, it is practically same size. It is much larger than Dwarf Champion, and yet equally as early. It is fully as prolific, and consequently vastly more productive. The strong, upright habit of growth of the new **Dwarf Stone** admits of very close planting. The shape of the fruit is perfect, with a good skin, which is free from cracks about the stem end. It is very solid, ripens evenly, and is of most excellent quality.

Packet 5c, 1/2 oz. 15c, oz. 25c

NOVELTIES AND SPECIALTIES IN FLOWER SEEDS

**Aquilegia, Long-Spurred Double = Flowering Hybrids.**

Through their exuberance of bloom and their handsome foliage the Columbines are extremely useful garden plants and the number of their admirers is steadily increasing. The double flowering hybrids of the beautiful California *Aquilegia Coerulea* which we now offer, may be ranked with the most perfect that have hitherto been produced. The graceful blossoms are formed of several rows of cornucopia-like petals, all being of the so-called long-spurred type. The seed is very sparingly produced, but having been saved exclusively from the most exquisite flowers will be sure to yield a satisfactory percentage true to the type.

Packet 10c

See illustration to left.

Mignonette, "White Pearl."

A new variety of the well-known Machet Mignonette, possessing all the valuable qualities of that sort. It is of very vigorous, compact growth, with long, thick and compact flower spikes of clear pearly white, a rare color in Mignonette. The type varies somewhat, some red stamens being occasionally found among the white ones. Very effective.

Packet 15c



Celosia Thompsoni Mag.

This novelty represents the most perfect strain of the feathered or ostrich plumed Cockscombs. The plants have a true pyramidal branching growth, and the flower spikes vary in the most magnificent shades of colors ranging from the clearest yellow to the darkest bloodred. Of great value for all decorative purposes in and out of doors. Packet 10c

Climbing Nasturtium "Black Prince."

The darkest colored of all climbing Nasturtiums. Buds open a deep purple changing to a velvety black when in full bloom. The foliage too is very dark and has a bluish tinge. Packet 5c

PANSY—MADAM PERRET.

The Wine Pansy.

The color of the blossoms ranges through all the shades of red, from a pink to a fine deep purple, with an intermediate bright red, edged white. The face of the flower in some is regular, while in others it is lined and striped. Of extraordinary size. Packet 10c

The Santa Rosa Poppy.

A new strain of Shirley Poppy originated and improved by Mr. Luther Burbank, the famous wizard of horticulture.

Few garden flowers excel the poppy in popular favor. Its freedom of growth, beauty and lovely showyness make it an ideal garden flower.

The new "Santa Rosa" combines all the delicate beauty in color of the original Shirley and Shirley types, and with these the flower in all of its petals is beautifully crimped and fluted. Pkt. 10c

close up in the day time, but remains open all day. It is very easy to grow, If started indoors in early spring, and planted out in May, it gives a continuous display of blooms all summer and autumn. Grows in any soil and any situation.

Large flowering CALLA

Calla Devoniensis. Blooming Callas in One Year from Seed

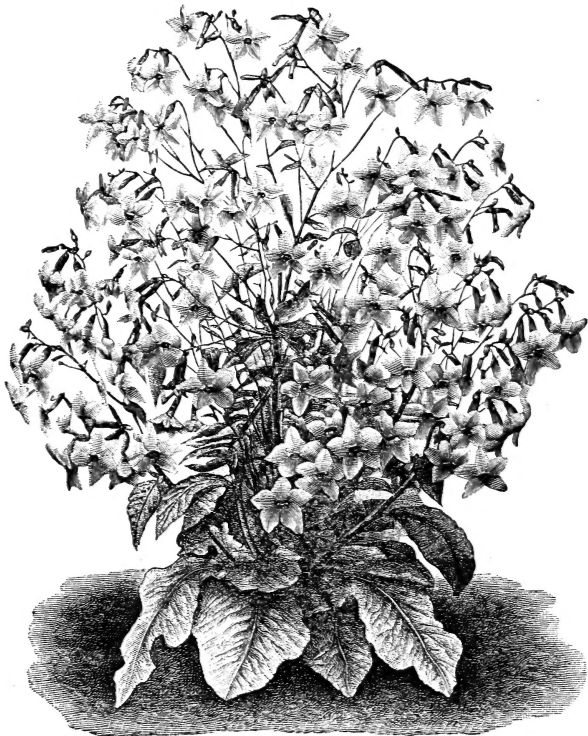
The most beautiful and best Calla to date. It is equally valuable for pots and cut. It produces from 3-4 times as many flowers as the older sorts.

The seedlings come true, and will bloom profusely the first year. Its willingness to bloom is phenomenal while its culture is of the simplest. One year old plants often produce from 6 to 8 flowers of great beauty. They are pure white, large, and are borne on stout stalks. If sown at intervals of 4 to 6 weeks this Calla can be had in bloom all the year.



Calla Devoniensis.

Packet 10c



Nicotiana Sanderae.

Grand Flower Seed Novelty Nicotiana Sanderae

This beautiful hybrid Nicotiana is one of the most strikingly handsome plants of the year. Forms bushy, much branched plants, 2 feet high, the whole plant laden with flowers from base to summit—literally ablaze with most handsome carmine-red fragrant blossoms. They resemble Nicotiana Affinis but have a short stout tube, and unlike that variety does not

Packet 25c

Winter Flowering Stock "Beauty of Rice."

While this new Stock can be made use of for summer flowering, it is for winter blooming that it is most desirable. Seed sown April to June will produce flowering plants by September. From then on this stock produces large flowers of an exquisite shade of flesh pink, which are fragrant.

Packet 10c

Grand New Sweet Peas.

All varieties 5c per packet.

Bridesmaid-A selection from Katherine Tracy, and is exactly like it, except in color, which is a bright and deep pink. Oz. 15c

Dainty-Very large. Pure white with edge of the petals daintily tinted with pink, making a most charming contrast. Oz. 15c

Dorothy Eckford-The grandest pure white yet seen. A giant flower, robust in growth and stem, with no tendency whatever to tinge. Grows an enormous mass of bloom. Oz. 15c

Flora Norton-A very bright blue quite different from Countess being a brighter blue and clearer color. Oz. 25c

Gracie Greenwood-Soft salmon-pink with a distinct edging of deeper pink. Oz. 10c

Janet Scott-Enormous size; considerably deeper and richer than the favorite Katherine Tracy. Oz. 15c

Jeanie Gordon-Standards bright rose, shaded cream. A charming variety. Oz. 10c

King Edward VII.-A very lovely intense bright crimson self; a true giant flowered variety, with no inclination to burn in the sun. Much brighter than Salopian. Oz. 15c

Lord Roseberry-Self-colored rosy magenta. Oz. 10c

Mrs. Geo. Higginson Jr.-A clear, delicate light blue, showing practically no tint of mauve. It is a color growers have been working for for years. It is especially valuable for florists and is a decided novelty. Oz. 25c



New Everblooming Rose "BABY RAMBLER"

Madam Norbert Levavasseur.

The best red pot or bedding rose in the world. A dwarf growing, everblooming Crimson Rambler. Forms clusters of flowers like the climbing Crimson Rambler and is of the same charming brilliant red color. It blooms every day from May until November if planted out, and in pots all the year round.

Each 75c, 3 for \$2.00

New Gladiolus Princeps.

A superb new Gladiolus. The largest and most effective of all. It grows from 3 1/2 to 4 ft. high; its broad, handsome foliage is a grand setting for the brilliant Amaryllis-like blossoms which open more widely than any other variety. The color is rich crimson with intense shadings in the throat and broad white blotches across the lower petals. The flowers range from 5 to 6 in. in diameter. Each 20c

New Dahlias.

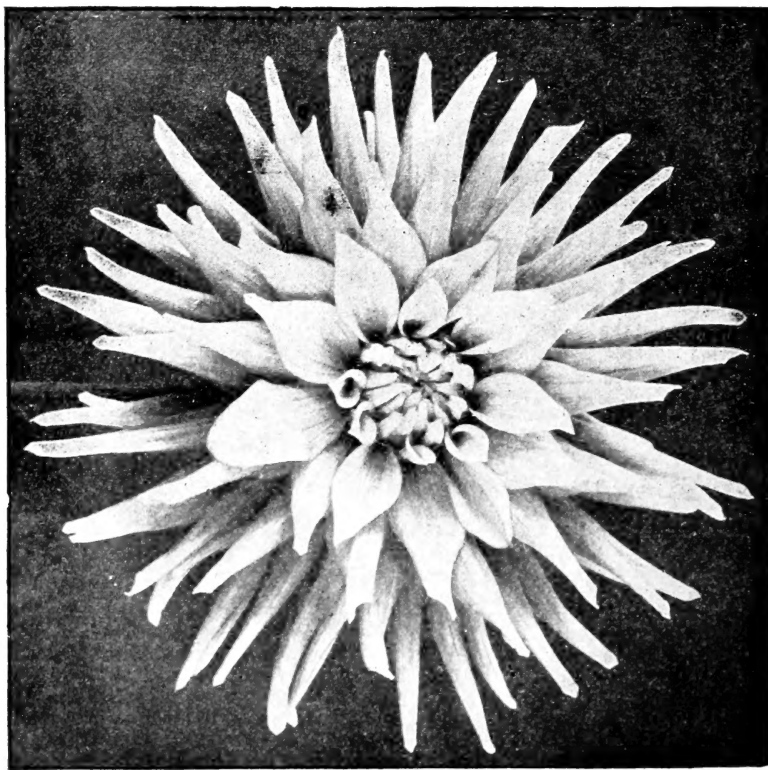
Kriemhilde-Cactus The color is a fresh delicate pink, shading to white in the center; it is a profuse bloomer, and the form is all that could be asked.

Each 25c, doz. \$2.50

Mars-Cactus. Bright rich scarlet of a dazzling shade; a strong, vigorous grower, of dwarf branching habit, with good stems, flowers borne up well. Perfect shape.

Each 25c, doz. \$2.50

Pink Dandy-Show. In color it is a purer pink than A. D. Livoni; the flowers are larger and the stems twice as long; the flowers are of beautiful form, with full, high center. Each 25c, doz. \$2.50



Cactus Dahlia Kriemhilde.

Gaillardia-Single. Goldtn yellow with broad disc of red around yellow center. Each 25c, doz. \$2.50

GENERAL LIST OF

Standard Vegetable Seeds

For Market and Home Gardens

ALL STANDARD VARIETIES OF REAL VALUE may be found in this department. We exclude everything worthless; omit the endless number which are out of date; avoid misleading descriptions, and do not offer same varieties under different names. It has ever been our endeavor as seedmen to make **Highest Quality** the first consideration and then to fix our prices as low as **Good, Reliable Seeds** can be sold. Department and other stores sometimes offer seeds in packets at seemingly low prices. Examination will show that the packets, though bright and attractive, are small, often containing less than one-sixth as much as one of ours, and trial will demonstrate that, even if the seeds have sufficient vitality to come up, the product will be unsatisfactory. The use of these poor seeds **always** results in disappointment and loss. The best is **always** the cheapest. We offer you the very best seeds which can be produced, and at the lowest prices consistent with the highest quality. **All Seeds, except where noted, 5c per packet.**

ASPARAGUS SEED

1 oz. will sow 60 feet of row and produce about 500 plants.—To grow Asparagus plants from seed, sow in drills about one inch deep, in rows a foot apart. Keep the soil mellow and free from weeds during the summer, and in the fall or spring the plants may be set out in beds about a foot apart each way with the crowns four inches below the surface. Before winter cover the transplanted beds with four inches manure. Sow a little salt on the surface in the spring and it will keep down the weeds.

Columbian Mammoth White.—Shoots are white and remain so without earthing or blanching. It is stronger in habit, throws larger shoots and fully as many as Conover's Colossal.

Per packet 5c, ounce 10c

Conover's Colossal.—The standard green variety, of large size, tender and of excellent quality.

Per packet 5c, ounce 10c

Palmetto.—Large size, even and regular in growth and appearance. Immensely productive and of the best quality. Pkt. 5c, oz. 10c

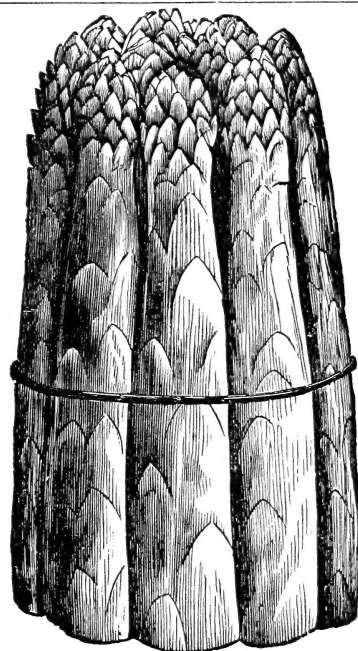
ASPARAGUS ROOTS. If desired by Mail, add 50c per 100 for postage.

Colossal.— } 2-year old plants. Per Doz. 15c

Columbian Mammoth White.— } One-hundred, \$1.00 by express.

ASPARAGUS KNIVES.—

Each 35c



ASPARAGUS.

BEANS

DWARF or BUSH

One Quart to 100 Feet of Drill or to 200 Hills.

Two Bushels per Acre in Drills : : : :

Culture. The soil best adapted to Beans is a light, rich, well drained loam, which was manured for the previous crop. If too rank manure is used it is apt to make them grow too much to vine. Beans are extremely sensitive to both cold and wet, and it is useless to plant them before the ground has become dry and warm. The largest return will result from planting in drills from two to three feet apart and leaving two to six plants to the foot of row. Up to the time of blossoming they should have frequent shallow cultivation, but any cutting of the roots after the plants come into bloom is liable to cause the blossoms to blast and so cut off the crop. Remember that beans should always be cultivated very shallow, and that it is useless to expect a crop from a field so poorly prepared as to need deep stirring after planting.

GREEN PODDED SORTS

STRINGLESS GREEN POD.—Earliest of all; very productive; pods perfectly round, very fleshy, 5—6 inches in length and entirely stringless.

Per pint 15c, quart 30c

MAMMOTH STRINGLESS GREEN POD.—A mammoth podded selection from the original Stringless, not quite so early but more showy.

Pint 15c, quart 30c

Improved Extra Early Red Valentine.—Ten days earlier than any other strain of this well-known variety.

Early Long Yellow Six Weeks.—Early, with full, flat green pods.

MOHAWK, or Early Brown Six Weeks.—Pods long, flat, straight.

Extra Early Refugee.—Has all the qualities of the Refugee, and is ready for the market at least ten days earlier.

REFUGEE, or 1000 to 1.—Pods round, green, waxy and fine in flavor. Excellent for pickling.

CANADIAN WONDER.—Prolific and long in bearing. Valuable for Pickling or Canning.

Royal Dwarf.—Pods straight and flat. Seed kidney-shaped; good shell bean.

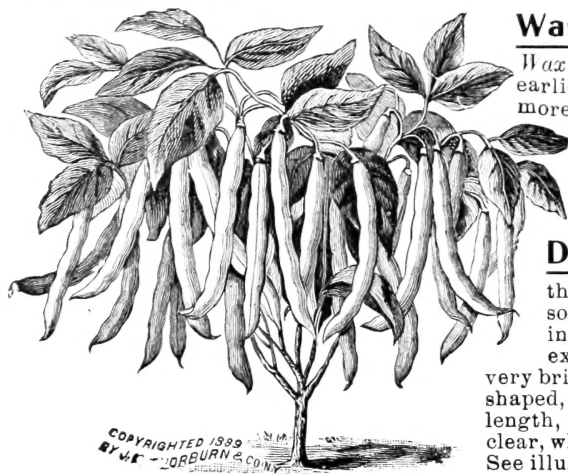
Broad Windsor.—Matures in fifty days after germination.

	Per pt.	Per qt.
Improved Extra Early Red Valentine	\$0 15	\$0 30
Early Long Yellow Six Weeks	13	25
MOHAWK, or Early Brown Six Weeks	13	25
Extra Early Refugee	13	25
REFUGEE, or 1000 to 1	13	25
CANADIAN WONDER	15	30
Royal Dwarf	13	25
Broad Windsor	15	30

Burpee's Bush Lima.—Eighteen to twenty inches high. An immense yielder. Pods well filled with very large beans, identical in size and luscious flavor to the well known large pole Limas.

Per pint 20c, quart 35c

WAX BEANS



EXTRA EARLY REFUGEE.

Wardwell's Early Kidney Wax.—*The Best Early Wax Bean for the Market Gardener.* Nearly a week earlier than the Golden Wax and yields one-third more, but the most valuable point in its favor is that it is almost entirely free from rust and spots. The pods are long and showy, very tender, and of excellent quality, and assume a rich golden color at an early stage of their growth.

½ pint. 10c, pint 18c, per quart 35c.

Davis Wax. An exceedingly hardy, productive, white seeded wax bean. All of the pods are very long, white, straight and handsome. The vine is rustless and very vigorous, bearing near the center many clusters some of which extend above the foliage. When young the pods are very brittle, crisp and tender. The dry beans are kidney-shaped, clear, white, and excellent for baking. The length, perfect shape and fine color of the pods, and the clear, white seeds make this **One of the Best for Canners.** See illustration from photograph, plate I.

½ pint 10c, pint 15c, quart 30c.

Rust Proof Golden Wax.—(Black Seed.)—It is very early and productive, of excellent quality and entirely free from rust; flat pods.

Improved Golden Wax.—Strong in growth, attractive in appearance. A variety that everybody should have.

Challenge Dwarf Black Wax.—An extra early strain of the Black Wax. Round pods

Refugee Wax.—A perfect Refugee, with long, round, yellow wax pods, Suitable for early or late sowing, and an immense yield.

Landreth's Scarlet.—Pods long, half flat, golden wax, thirty-five days from germination, very productive, seeds large and scarlet. A very showy sort and very excellent.

½ pt.	Pint	Quart
\$0 10	\$0 15	\$0 30
10	15	30
10	15	30
10	15	30
10	20	35

POLE BEANS

Pole Beans are more tender and require more care in cultivation than the dwarf or bush varieties, and should be sown two weeks later; they succeed best in sandy loam, which should be liberally enriched with manure. Form hills from three to four feet apart; plant five or six beans in a hill, about two inches deep, leaving space in the center for the pole. When the beans are well started, they should be thinned to 2 or 3 plant in a hill. One quart makes 100 to 200 hills, according to size of beans.

Imported Giant Sword Pole Beans.

—A splendid variety, introduced by us. Vine vigorous, climbing well, and very productive, bearing its pods in large clusters. Its long, wide, showy green pods are very crisp, making it one of the best Pole Beans in cultivation. Quart 50c

Imported Round Podd.—Very fine. ½ pint 15c, pint 25c, quart 50c

Scarlet Runner.—A favorite both as a Snap Bean and for its bright scarlet flowers. ½ pint 10c, pint 15c, quart, 30c

Imported White Seeded Butter Pole.

½ pint 15c, pint 25c, quart 50c.

Kentucky Wonder or Old Homestead.—The long fleshy pods are entirely stringless, and of finest quality ½ pint 10c, pint 15c, quart 30c.

Brussels Sprouts.

Cultivated for the small heads which spring in considerable numbers from the main stem. Sow in seed-bed middle of spring, and transplant and manage as Winter Cabbage. Packe 15c

BEET.

Culture. A rich, deep, light soil is particularly necessary for a successful growth of beets. For early supply sow very early in spring, soon as ground can be worked, in drills 18 inches apart, 1 inch deep and 3 to 4 inches in row. For autumn and winter crops, sow later in season—from the middle of May to the last of June. In October the roots may be taken up and stored in cellar or in pits outside, like potatoes. When young, the leaves make excellent green.

EXTRA EARLY EGYPTIAN BLOOD TURNIP.—The earliest, and most excellent in quality. Deep crimson in color. The best variety for forcing and excellent for first early crop out of doors, being very early, with small top. Flesh dark red, zoned with lighter shade, hard, crisp and tender when young. Pkt. 5c, oz. 8c, ¼ lb. 15c

Crosby's Improved Egyptian. The earliest beet in cultivation. Originated by careful selection from the old red Egyptian, resulting in handsome form. Very small tap root, deep rich color, splendid quality, and above all, very rapid growth. Much in demand by market gardeners for forcing. Pkt. 5c, oz. 10c, ¼ lb. 20c



CHICAGO MARKET BEET.

Beet. Detroit Dark Red Turnip.—The most desirable

(Continued.) extra early beet for planting out of doors. Especially valuable for market gardeners, being of such compact growth that more marketable beets may be grown on a given area than any other. Perfect shape, flesh bright red, zoned with a lighter shade. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c

EGYPTIAN
BLOODTURNIP
BEET.**Chicago Market.**—Dark

red. Turnip shape; smooth small tops, fine small tap root. Excellent keeper.

Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c

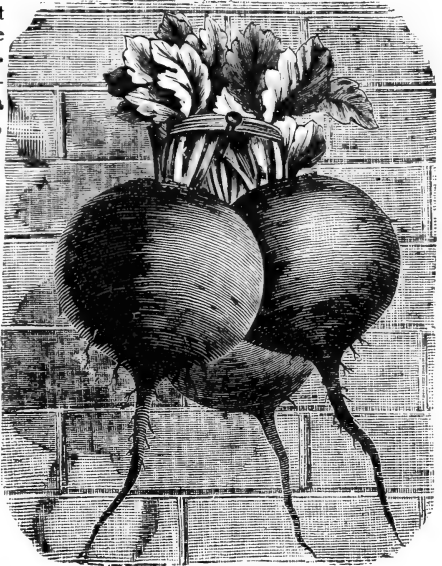
Eclipse.—A round rooted, blood red table Beet of high merit.

Pkt 5c, oz. 8c, $\frac{1}{4}$ lb. 15c

Early Dark Red Turnip.—

Pkt. 5c, oz. 8c, $\frac{1}{4}$ lb. 15c

Half Long Blood—The flesh is rich dark red, very sweet, crisp and tender, never becoming woody, even in por-



ECLIPSE.

tions above the ground and retains its good quality longer than other sorts. We consider this the most valuable variety for winter and spring use.

Swiss Chard or Sea Kale.—The midrib of the leaf may be used, or when very young the entire leaf, as a table vegetable like Spinach.

Packet 5c, ounce 8c, $\frac{1}{4}$ pound 15c

Per packet 5c, ounce 8c, $\frac{1}{4}$ pound 15c

Mangel-Wurzel and Sugar Beet.

**GROWN FOR
FEEDING STOCK**

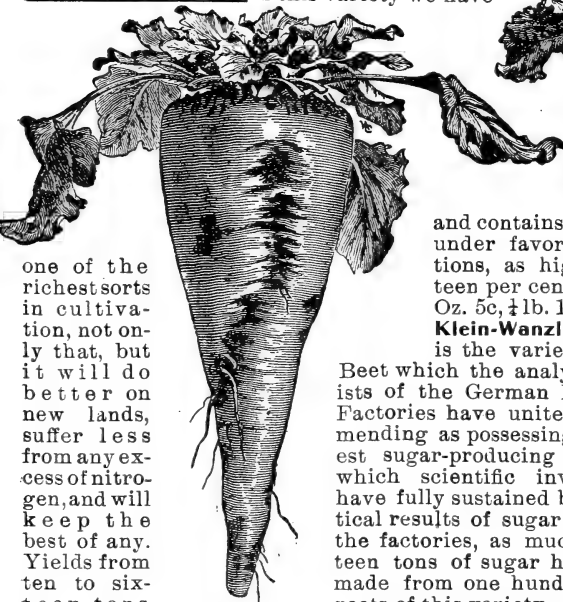
THE VALUE of Mangels for stock feeding cannot be over-estimated. The results from their use are clearly seen in the improved health and condition of animals, the increased flow and quality of milk from cows, and the saving in fodder. Mangels yield enormously if the soil is rich, and can be grown at trifling cost. *Everyone who keeps even one cow should grow a patch of Mangels for winter feed.*

Sugar beets are not as heavy yielders as Mangels, but they are of better quality, abounding in saccharine matter. For sugar producing purposes these beets are grown exclusively in Europe and in some localities in our own country.

Culture. Both Mangels and Sugar Beets require deep, well enriched soil. Sow in May or June in rows 18 inches to 2 feet apart, and 3 to 18 inches in the rows. As soon as frost occurs, dig the crop. About 4 pound are required for an acre.

SUGAR BEET. *Vilmorin's Improved.*—

In this variety we have

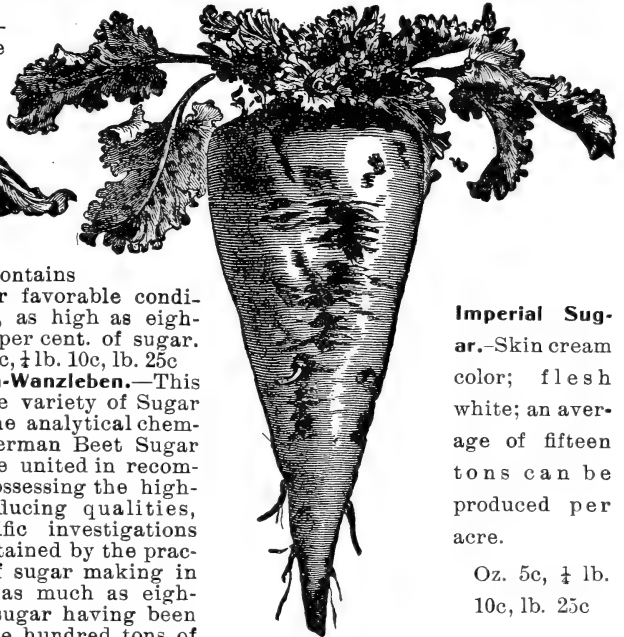


VILMORIN'S.

and contains under favorable conditions, as high as eighteen per cent. of sugar. Oz. 5c, $\frac{1}{4}$ lb. 10c, lb. 25c

Klein-Wanzleben.—This is the variety of Sugar Beet which the analytical chemists of the German Beet Sugar Factories have united in recommending as possessing the highest sugar-producing qualities, which scientific investigations have fully sustained by the practical results of sugar making in the factories, as much as eighteen tons of sugar having been made from one hundred tons of root's of this variety.

Oz. 5c, $\frac{1}{4}$ lb. 10c, lb. 25c



KLEIN-WANZLEBEN

Imperial Sugar.—Skin cream color; flesh white; an average of fifteen tons can be produced per acre.

Oz. 5c, $\frac{1}{4}$ lb.

10c, lb. 25c

one of the richest sorts in cultivation, not only that, but it will do better on new lands, suffer less from any excess of nitrogen, and will keep the best of any. Yields from ten to sixteen tons per acre,

Mangel.

LONG RED.—A very productive variety, used for cattle feeding. It is of immense size and an excellent keeper. Oz. 5c, $\frac{1}{4}$ lb. 10c, lb. 25c

Golden Tankard.—The best type of intermediate Mangel; small top, broad shoulders, smooth rich skin, very solid flesh, golden stem. This variety admits of close culture, and will be found a heavy producer. Oz. 5c, $\frac{1}{4}$ lb. 10c, lb. 25c

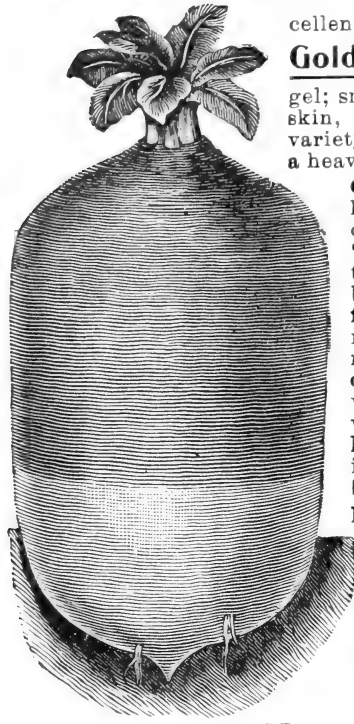
Champion Yellow Globe.—More easily handled than the mammoth varieties. Fine cattle feeding roots. Oz. 5c, $\frac{1}{4}$ lb. 10c, lb. 25c
"Erfurt Model."—Perfectly cylindrical, the top being of the same diameter as the bottom. It has attained the highest perfection of any known variety. It forms one root only, has no sides roots, and grows almost above the soil. The skin is of a reddish yellow color. The flesh is yellowish white with regular golden yellow rings, is very firm without being spongy and hollow, and is highly recommended for feeding purposes. Oz. 5c, $\frac{1}{4}$ lb. 15c, lb. 40c

Large Obendorf Red.—The roots grow to a large size, are rounded on top and flattened underneath, almost entirely overground, the heaviest cropping and the finest of all Globe varieties. Oz. 5c, $\frac{1}{4}$ lb. 15c, lb. 40c

Large Obendorf Yellow.—Differs from the above in color only. Oz. 5c, $\frac{1}{4}$ lb. 15c, lb. 40c

CABBAGE Culture.

The ground must be highly manured, deeply dug or plowed and thoroughly worked to insure good, full-sized heads. A heavy, moist and fresh loam is the most suitable. Sow early in the spring



GOLDEN TANKARD.

in hot-bed, or later in open ground. Plant about 18 inches by two feet apart. The late varieties are usually sown by the middle of May, in rows three feet apart, and two feet apart in the rows. 1 oz. will produce 1,500 plants.



LONG RED MANGEL.

Early Cabbage. **Early Jersey Wakefield Select.**—The Earliest and Hardest Heading of Extra Early Cabbages. Heads conical; very compact.

EXTRA EARLY ALPHA.—General character that of the Flat Dutch, but much earlier.

Very solid and free from loose or waste of leaves.

EARLY SPRING.—Becomes solid enough for use about as early as Jersey Wakefield.

Similar in form to Flat Dutch. Short stem, compact head.

CHARLESTON OR LARGE WAKEFIELD CABBAGE.—Larger than the Jersey Wakefield, a little later, and the head not so pointed.

CASSEL CABBAGE.—A favorite, early, German variety, very solid and excellent for the family garden. Blunt peak.

All Seasons Cabbage.—It is as good for Late Market or Winter as for Early. Stands hot sun and dry weather well.

Henderson's Early Summer. Is about 10 days later than the Jersey Wakefield. May be classed among the best large second early Cabbages.

Henderson's Succession.—About one week later than the early Summer, but larger.

FOTTLER'S BRUNSWICK.—Heads large, flat, compact and solid, and of fine quality.

Filderkraut—Pointed heads.

Pkt.	Oz.
\$0 05	\$0 25
05	30
05	25
05	25
05	20
05	15
05	20
05	15
05	15
05	15



EARLY JERSEY WAKEFIELD.

Late Autumn and Winter Varieties.

Long Keeping.—A very handsome and extremely hardy cabbage, which is growing in popularity having proven one of our best winter sorts. It is highly prized in Denmark, and grown there almost exclusively for winter cabbage. The heads are of good marketable size, not quite so large as Flat Dutch, but very hard, round, fine-grained, and will weigh one-fourth more than other varieties of equal size.

Per packet 5c, ounce 25c

Hollander Cabbage. As this variety is very hardy, very handsome, very solid, one of the best keepers and of fine quality, it is one of the best for growing for distant markets or for late Spring use.

Per packet 5c, ounce 25c, $\frac{1}{4}$ pound 75c



DAVIS WAX BEAN.



SELECT ORANGE DANVERS HALF-
LONG CARROT.



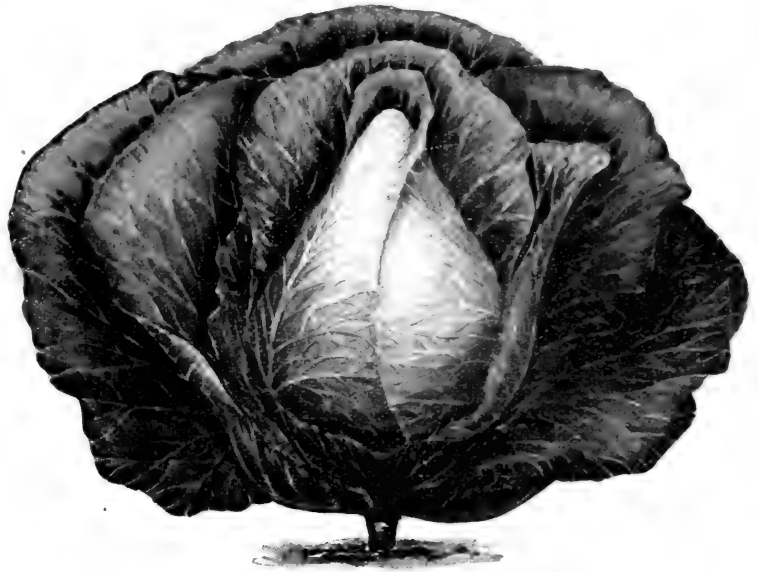
SELECT CHANTENAY OR MODEL
CARROT.

Early Jersey Wakefield Cabbage

The Earliest and Hardest Heading of Extra Early Cabbages

AMONG the many extra early varieties that have originated in this country and Europe there is none better adapted to American methods of culture and the American market than Early Jersey Wakefield. The plants are very hardy, not only to endure frost but also unfavorable conditions of soil and moisture. It is safe to ship the heads younger than would be possible with most varieties, and at the same time they will remain in condition for use longer than ordinary early sorts. The leaves are thick, short and are of fine quality. This variety is the best sort for wintering over and for very early setting.

We offer a stock from carefully bred and selected plants which is much superior to that ordinarily sold.



EARLY JERSEY WAKEFIELD CABBAGE.

Packet 5c, ounce 25c, ¼ pound 75c

HOLLANDER CABBAGE--Select.



HOLLANDER CABBAGE.—SELECT.

THIS variety came originally from Europe.

The plant is very vigorous, rather compact growing, with a longer stem than most American sorts, and is exceedingly hardy, not only in resisting cold but dry weather as well. The head is made up of very thick, broad leaves which overlap each other more than most sorts. It is very solid, and stands shipment so well that it arrives at its destination in very attractive condition. In quality, it is one of the best, being very white, crisp and tender.

We have given a great deal of attention to this variety and offer seed

which we believe will produce a crop of more uniformly typical heads than can be grown from seeds offered by any other dealer.

Packet 5c, ounce 25c, ¼ pound 75c



HOLLANDER CABBAGE.

Late Green Curled Savoy, Vertus.—An excellent variety of fine flavor, heads large and showy Pkt. 5c, oz. 15c

RED CABBAGE. DALLWIG'S EARLY DARK RED.—

By far the best medium-sized and surest heading red cabbage. Color, deep, rich red. Many successful market gardeners choose this for their entire crop of red cabbage, pronouncing it the best of all. Pkt. 5c, oz. 20c

IMPROVED RED STONE HEAD.—*This is one of the best and surest heading medium-sized red cabbages ever introduced. Round very solid and of deep red color.*

Pkt. 5c, oz. 25c

Large Dark Red Dutch.—Large heads, round in shape, of deep color and remarkably hard and solid. For pickling and table use.

Large Blood-Red Dutch.—Good quality; late.

Packet 5c, ounce 20c
Early Blood-Red Erfurt.—Heads hard, solid and of an intense blood-red color. Very early, valuable for pickling.

Per packet 5c, ounce 20c
Mammoth Rock Red.—The heads are as large as the Early Summer, and as dark and solid as any of the smaller varieties.

Per packet 5c, ounce 25c

Cabbage. Late Autumn and Winter Varieties.

(Continued.)

SUREHEAD CABBAGE.—Large, round heads, uniform, very hard, and fine in texture. Pkt. 5c, oz. 20c

Madgeburg.—Large, late, flat, extra, the favorite Sauerkraut sort. Pkt. 5c, oz. 20c

Bloomsdale Large Late Flat Dutch.—A variety for Autumn and early Winter use. Heads flat, large in size, good keeper.

Pkt 5c, oz. 20c

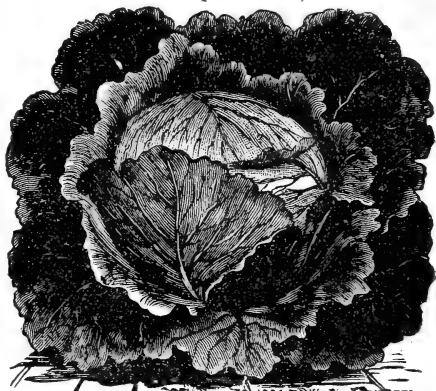
Large Late Drumhead.—Late large, hardy, certain to head. Pkt. 5c, oz. 20c

SAVOY CABBAGE. Early Dwarf Ulm Savoy.

One of the earliest and sweetest of the Savoys. Small, solid, round heads with small, thick, fleshy leaves, of a fine deep green color.

Per packet 5c, ounce 15c

Early Yellow Curled Blumenthaler.—A yellow variety of above. Per packet 5c, ounce 15c



LATE FLAT DUTCH.

For pickling and table use. Packet 5c, ounce 20c

Large Blood-Red Dutch.—Good quality; late.

Packet 5c, ounce 20c
Early Blood-Red Erfurt.—Heads hard, solid and of an intense blood-red color. Very early, valuable for pickling.

Per packet 5c, ounce 20c
Mammoth Rock Red.—The heads are as large as the Early Summer, and as dark and solid as any of the smaller varieties.

Per packet 5c, ounce 25c

CARROTS.

One ounce 100 ft. drill; 3 lbs. per acre. For early crops sow as soon as ground can be worked, in drills one inch deep and one foot apart (3 feet for field culture), from middle of May until first of July, thinning four to eight inches according to varieties. Keep your plants well cultivated.

HALF LONG SCARLET NANTES.—(Stump Rooted). Roots cylindrical, smooth, bright orange. Packet 5c, ounce 10c, $\frac{1}{4}$ pound 25c

Early Scarlet Horn.—A old and favorite sort for early crop, but not large enough to be suitable for general culture. Packet 5c, ounce 10c, $\frac{1}{4}$ pound 25c

Early Half Long Scarlet Carantan.—The skin is smooth flesh red, and without any core or heart.

Per packet 5c, ounce 10c, $\frac{1}{4}$ pound 25c

CHANTENAY OR MODEL.—Thicker at the shoulder than the Nantes. The flesh of a beautiful deep golden orange and tender.

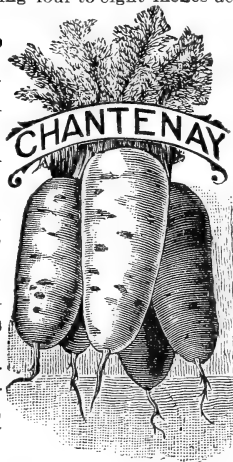
Packet 5c, ounce 10c, $\frac{1}{4}$ pound 25c

SELECTED CHANTENAY OR MODEL.—This special strain of Chantenay Carrot is grown from selected, perfect roots only. It will run more uniform in shape and color than any other strain. It is the best early bunching Carrot, stump-rooted, smooth, of deep color, and fine grained. A heavy cropper. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 30c

(See half-tone illustration from photograph, plate 1.)



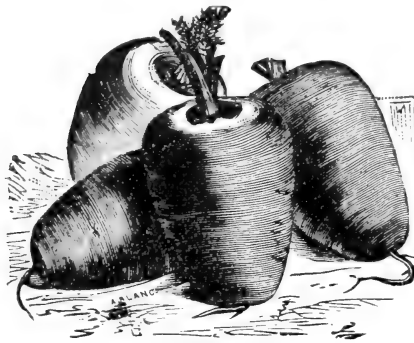
NANTES.



CARROTS. (Continued)

Ox Heart or Guerande.—It is intermediate as to length between the half-long varieties, (such as Danvers) and the Short Horn carrot, but much thicker than the latter, attaining a diameter of from three to four inches at the top. It is of fine quality for table use. Flesh fine grained; bright orange and sweet.

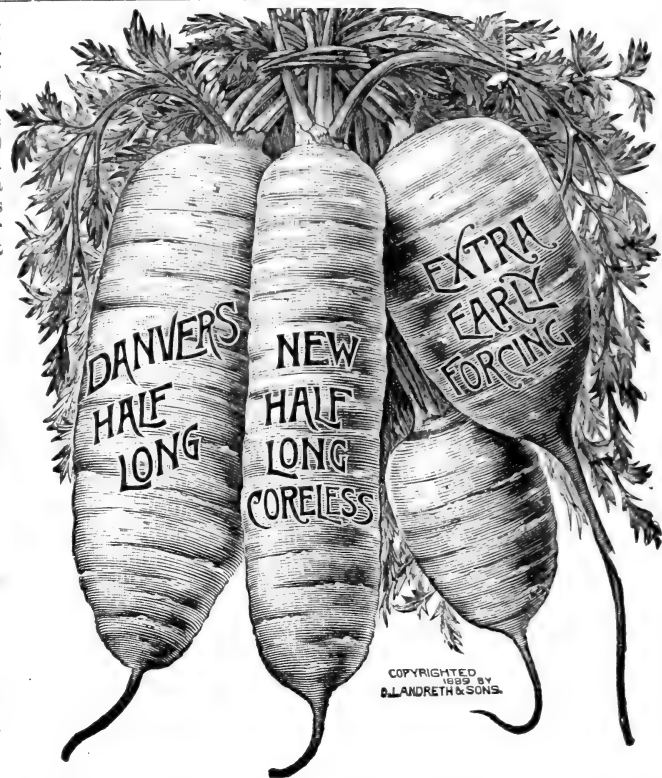
Packet 5c, ounce 10c, $\frac{1}{2}$ pound 25c



OX HEART CARROT.

Orange Danvers, Half Long.—Smooth well formed, orange carrot. Standard sort.

Pkt. 5c, oz. 10c, $\frac{1}{2}$ lb. 25c



Select Orange Danvers Half Long.—Best for general crop; rich orange color; heavy yield; splendid keeper. Great improvement over the old Danvers. (See half-tone plate 1).

Per packet 5c, ounce 15c, $\frac{1}{2}$ pound 30c

Improved Long Orange.—The old stand-by, both for table use and for stock feeding, for late summer and winter.

Per packet 5c, ounce 10c, $\frac{1}{2}$ pound 25c

Long Red Altringham.—Largely grown for stock feeding and also for table use.

Per packet 5c, ounce 10c, $\frac{1}{2}$ pound 25c

Large White Belgian and Large Yellow Belgian.—These grow to a very large size and are excellent for stock feeding.

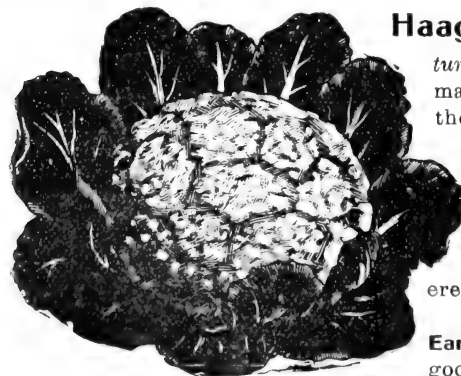
Per packet 5c, ounce 8c, $\frac{1}{2}$ pound 20c



CAULIFLOWER



For spring and early summer use, sow about March 1st, in hot-bed, and transplant to cold frame when sufficiently large, and to the open ground as soon as ground is warm enough. For late autumn crop sow in the early part of May and transplant in June. In dry weather water freely, and as they advance in growth hoe deep and draw earth to the stem. When heading tie the outside leaves loosely over the heads to protect from the sun.



EARLY SNOWBALL CAULIFLOWER.

Haage's New Dwarf Early.—*The best sort for forcing as well as for outdoor culture.* It is exceedingly early and hardy and is the surest to make a solid, compact, large, pure white head, which stands the heat better than any other variety. *The Best for Early and Late Culture.*

Per packet 15c

Extra Early Dwarf Erfurt.—Long the standard of highest excellence, and not much surpassed by any variety for field culture. Large, firm, pure white. Plant short-joined with narrow erect leaves.

Per packet 10c,

(See half-tone illustration, plate 3.)

Early Snowball.—Admirable in all good qualities, extra early, good size, pure white, dwarf in habit, with few outside leaves.

Per packet 10c

Danish Snowball.—Beautiful large heads, which are solid, of fine and close grain and as white as snow.

Per packet 10c



GOLDEN SELF BLANCHING.

derson's Half Dwarf. Excellent flavor.

Boston Market.—It is very solid, white, of mild delicious flavor.

CELERY

Culture. Celery can be successfully grown with but little labor, in any good garden soil, by using plenty of well rotted manure with a liberal sprinkling of coarse salt worked into it, and this mixture should be put into the trenches, working it well into the soil, at least two weeks before the plants are transplanted into them. It delights however, in low, moist, rich bottom land. 1 ounce of seed for 2000 plants.

Golden Self-Bunching.—The beautiful appearance of the plant, with its close habit, compact growth and straight vigorous stalks, is faithfully shown in the illustration. The ribs are perfectly solid, crisp, brittle, and of delicious flavor, surpassed by no other variety, while it has the decided merit of self-blanching to a very remarkable degree. Without any banking or covering whatever, even the outer ribs become of a handsome, fresh, yellowish white color. The heart is large, solid and of a beautiful rich golden yellow color. Per packet 10c, ounce 30c

The Best of the Standard Celeries.

	Pkt.	Oz.
White Plume. —Naturally white, so that it requires very little earthing up.....	\$0 05	\$ 15
Evans' Triumph. —Very strong and vigorous plant with large, very white, crisp, brittle, tender and fine flavored stalks. It is late and requires the whole season to develop but will keep longer than any other sort.....	05	20
Fin de Siècle. —It is the largest, hardiest, solidest, crispest, best keeper and best shipping winter Celery we know of.....	05	20
Giant Pascal. —Rich, nutty flavor, excellent for shipping. Good keeper.....	05	15
Crawford's Half Dwarf. —Also know as Henderson's Half Dwarf.....	05	15

CELERIAC OR TURNIP ROOTED CELERY

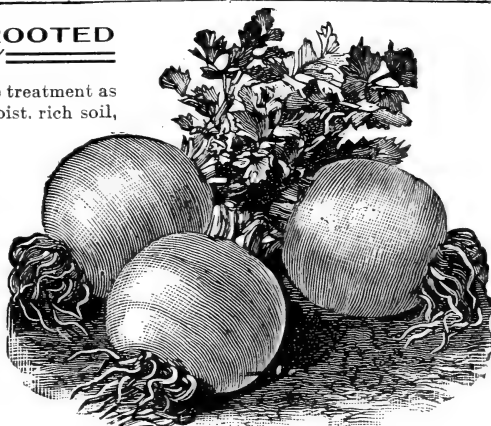
Culture. Sow the seed in February or March and give same treatment as common celery. Transplant the young plants to moist, rich soil, in rows two feet apart.

Large Smooth Prague. An improved form of turnip-rooted celery, producing large and smooth roots, which are almost round, and with very few side roots. Plants vigorous, with large, deep green foliage. Packet. 5c, ounce. 15c ;

Apple Shaped.—A good variety with small foliage, and large tubers almost round in shape and smooth.

Per packet 5c, ounce 15c

Flavoring for Soup.—Seeds of any common variety.

Per ounce 5c, $\frac{1}{4}$ pound 10c, pound 35c

LARGE SMOOTH PRAGUE.

CORN SALAD OR VETTICOST

Broad Leaved.—(LARGE SEEDED). Used as a small salad throughout the Winter and Spring. Sow thickly in drills, cover slightly first of Autumn and sprinkle with straw on the approach of severe weather, or sow in cold frames; thus it is accessible even when deep snow prevails.

Per packet 5c, ounce 10c, $\frac{1}{4}$ pound 20c

CRESS. Curled, or Pepper Grass. This small salad is much used with lettuce, to which its warm, pungent taste makes a most agreeable addition. The seed should be sown in drills about sixteen inches apart, on very rich ground, and the plants well cultivated. It may be planted very early, but repeated sowings are necessary to secure a succession. Per packet 5c, ounce 8c

True Water. This is quite distinct from the last, and only thrives when its roots and stem are submerged in water. It is one of the most delicious of small salads and should be planted wherever a suitable place can be found. The seed should be sown and lightly covered in gravelly, mucky lands, along the borders of small rapid streams, and the plants will need no subsequent culture, as under favorable conditions they increase very rapidly by self sown seed and extension of the roots. Per packet 5c, ounce 30c

CORN.

FOR TABLE USE.

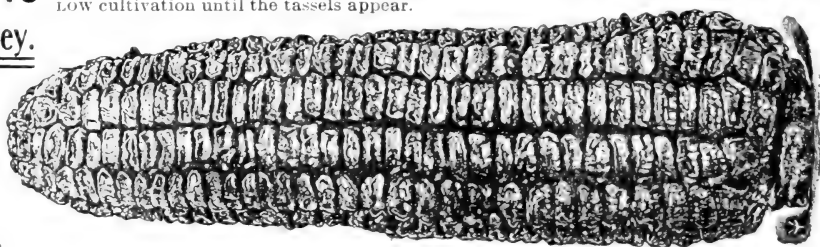
A rich, warm, aluvial soil is best, but excellent sweet corn can be raised on any good ordinary soil if it is deeply and thoroughly worked before planting. Give frequent and thorough but shallow cultivation until the tassels appear.

Mammoth White Corey.

The Largest and Best
EXTRA EARLY SWEET CORN.

**NOTHING EARLIER,
NOTHING BETTER,
NOTHING LARGER,**

The ears are 12 rowed, much larger than the old Cory, and covered with large, white grains of good quality. **The Beauty and Quality of this variety give it ready sale even when the market is over stocked.** Gardeners should not fail to make their first plantings of this best of extra early sorts.



MAMMOTH WHITE COREY.

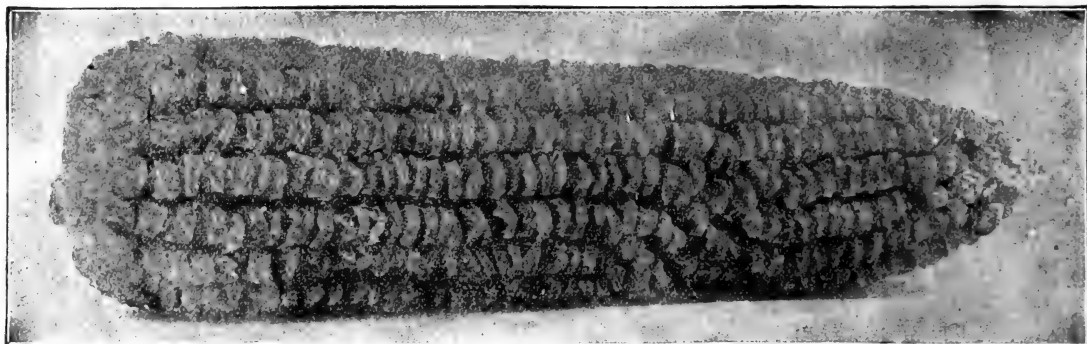
Country Gentleman.

—The Finest Sweet Corn for Private Use. A short stalked, productive sort, frequently producing three ears to the plant. Ears large for so small a stalk; grain narrow and very deep, after form of shoe-peg. Highly recommended as one of the very best.

Per $\frac{1}{2}$ pint 10c, pint 15c, quart 30c

Early Evergreen.—A valuable variety for market gardeners and the home garden. It ripens 10 days in advance of Stowell's Evergreen, and in quality is fully as good. Ears about 8 inches long with 12 or more rows of kernels, which are sweet and tender.

$\frac{1}{2}$ pint 10c, pint 15c, quart 30c



EARLY EVERGREEN CORN.

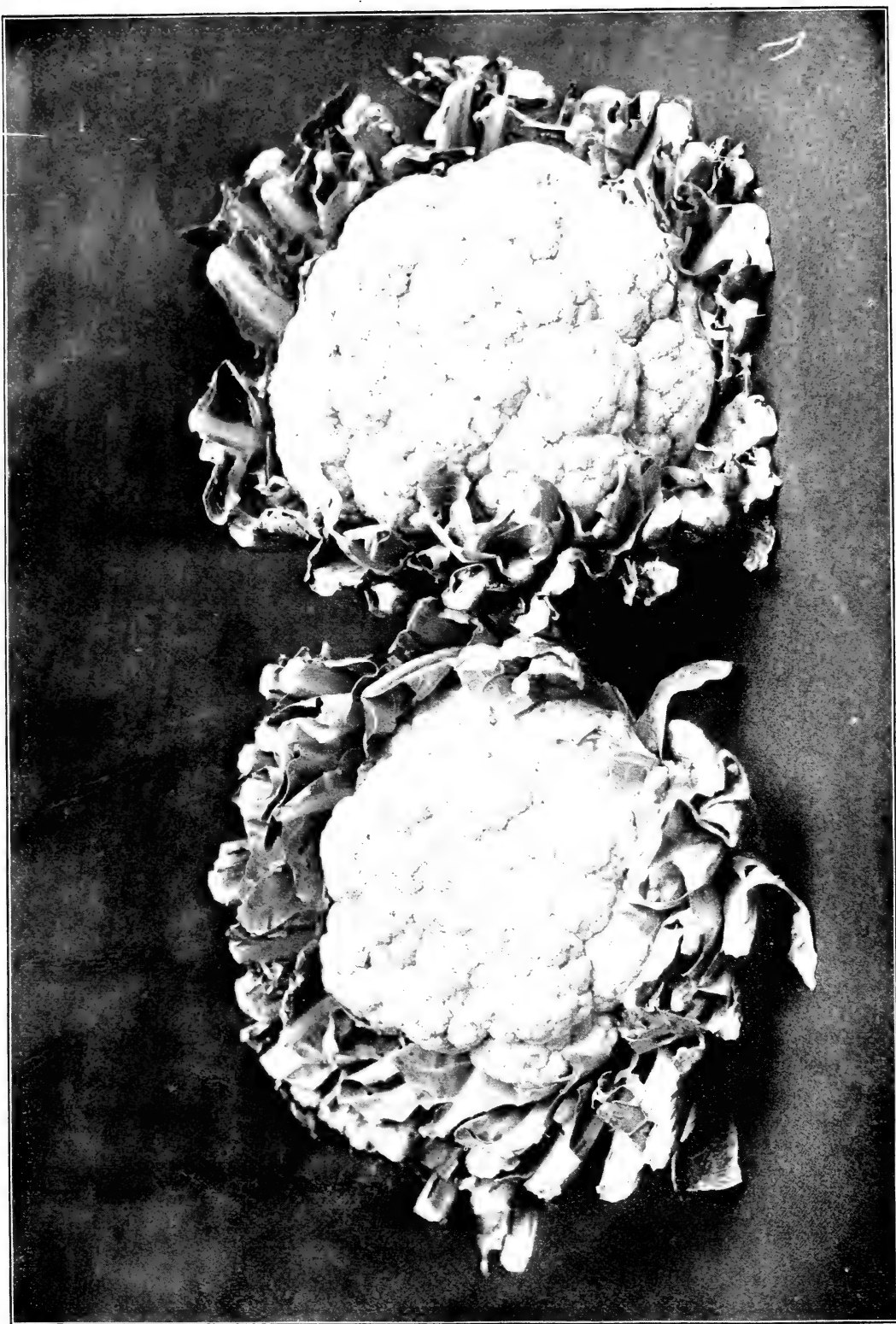
	$\frac{1}{2}$ Pt.	Pint	Quart
Early White Cory. —One of the earliest of all	\$0 10	\$0 15	\$0 30
Extra Early Minnesota Sugar. —A variety certain to give satisfaction. Kernels tender and sweet. Color white.....	10	15	30
Perry's Hybrid Sweet Corn. —A very fine early variety fully as early as the Minnesota and ears much longer.....	10	15	30
Landreth Corn. —Early, exceedingly productive, good sized and remaining long in edible condition. Stalk short, close jointed and very sturdy.....	10	15	30
Zig Zag Evergreen. —Sweeter, more productive, and remains fit for use longer than Stowell's Evergreen. Unequaled for canning. The best large eared, late Sweet Corn in cultivation.....	10	15	30
Stowell's Evergreen. —A favorite among the late sugar corns. Matures for table about eighty days from germination. Vigorous growth. Excellent for market.	10	15	30

CUCUMBERS

The Cucumber is a tender annual and should never be planted in open ground unless settled weather arrives, for general crop about the middle of May. For pickles, plant from middle of June to the middle of July. By far the best results are obtained from plantings in warm, rich sandy loam. Prepare hills 4 feet apart each way, and mix with the soil of each a shovelful of well rotted compost. Sow thickly, and when all danger of insects is past ("Slug Shot" is sure death to the striped cucumber beetle), thin out all but three or four of the stockiest vines in each hill. As the cucumbers attain a sufficient size, both the perfect and the imperfect specimens should be picked at once, as fruit left upon the vines to ripen soon destroys their vitality, and consequently their productiveness.

Cumberland.—This new variety is of the hardy, white spine type, is a rapid, strong, and vigorous grower and very prolific in fruit. The pickles differ from all other hardy sorts in being thickly set with fine spines over the entire surface, except the extreme stem end. The form is exceptionally straight and symmetrical, thus being as choice for a slicing variety as it is for pickles. The flesh is solid, crisp, tender, and of excellent quality at all stages of growth. (See half-tone illustration plate 4).

Per packet 5c, ounce 15c



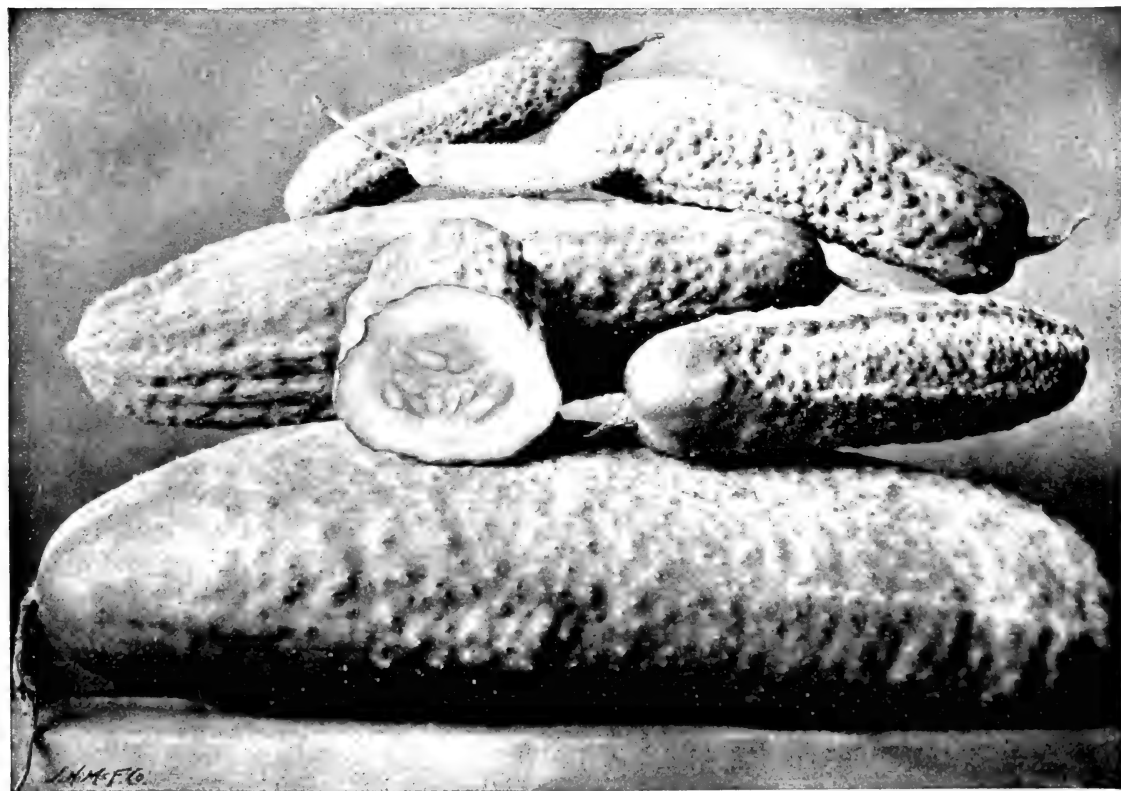
EXTRA EARLY DWARF ERFURT CAULIFLOWER.



WHITE PLUME CELERY.

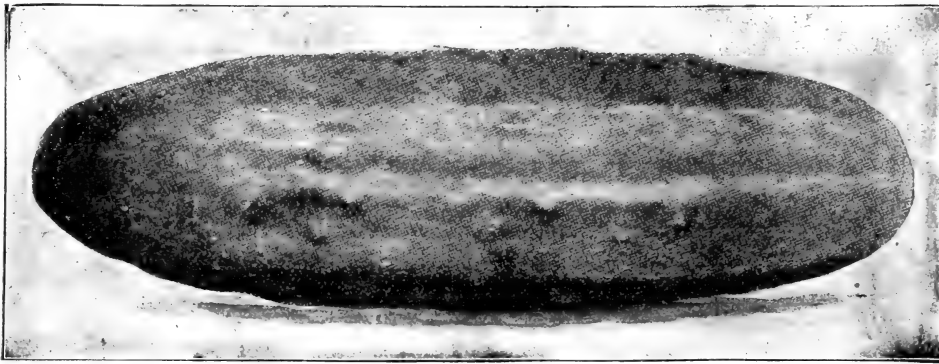


DALLWIG'S STAR OF THE MARKET
KOHLRABI.



CUMBERLAND CUCUMBER.

CUCUMBERS. (CONTINUED). Evergreen Early White Spine.—The vine is vigorous and productive. The fruit is long, cylindrical, dark green, with very white, crisp and tender flesh.



Always remains deep green in color. Best sort for slicing. Excellent for culture under glass.

Packet 5c, ounce 15c

EVERGREEN EARLY WHITE SPINE.

Improved Early White Spine.—Uniformly straight and handsome dark green, with a few white spines. Per packet 5c, ounce 15c

Arlington White Spine.—A strain of White Spine especially recommended for fine shape, uniformity of size, and dark green color. Desirable sort for forcing. Per packet 5c, ounce 15c

Short Prolific Pickle.—Recommended for pickling. Per packet 5c, ounce 15c

Chicago Pickle.—*Undoubtly the best cucumber for pickles.* Fruit of medium length, pointed at both ends, with large and prominent spines; color deep green. Per packet 5c, ounce 15c

Jersey Pickle.—Very crisp and tender. Said to "green" better than any other variety.

Per packet 5c, ounce 15c

Nichol's Medium Green.—Always straight and smooth, dark green, tender and crisp.

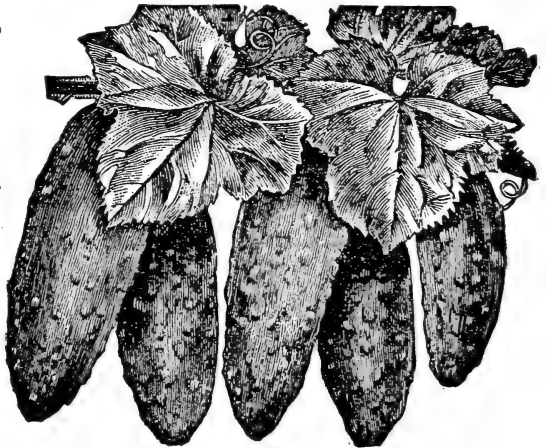
Per packet 5c, oz. 15c

Long Green.—A good sort for pickles and for market. Per packet 5c, ounce 15c

Turkey Long Green.—*Long and slim; not equaled by any field variety.* This is not the New England Long Green, but a much superior sort, being twice as long. Per packet 5c, ounce 15c

Landreth's First.—Unapproached by any in length and slimness of fruit. The earliest long, slim, field Cucumber in cultivation; dark green and desirable. Very rare. Very poor seeder.

Per packet 5c, ounce 15c, $\frac{1}{4}$ pound 50c



CHICAGO PICKLE.

Burpee's Giant Pera.—Very smooth and straight; the skin is a beautiful medium green, perfectly smooth, free from spines, and retains its clear green color until ripe. They are very thick through, perfectly round, and from 15 to 18 inches long when matured.

Per packet 5c, ounce 15c

Japanese Climbing—

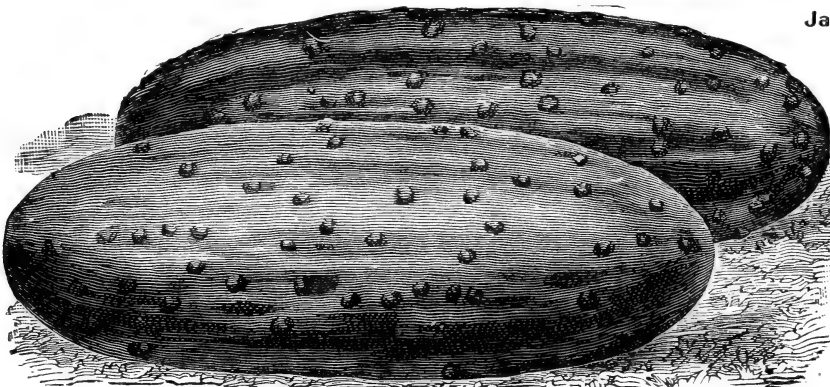
Ten to twelve inches long, of fine green color; extra long vine Very prolific.

Pkt. 5c, oz. 15c

Bismarck.—One of the best to grow under glass. Fruit long, slender, dark green. Per packet 10c

Noa's Forcing.—Excellent prolific sort for growing under glass.

Per packet 10c



NICHOL'S MEDIUM GREEN.



EGG PLANT.

EGG PLANT.

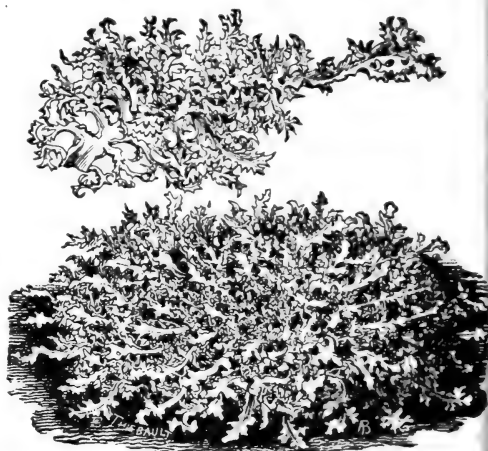
Should be sown, if possible in a hot bed, or in a warm light room in March and potted when two inches high. Plant in open ground about June 1. Carefully protect from intense sun, drought, weeds and potato bugs. Throughout its growth take every precaution to avoid chilling. Use Slug Shot if you notice potato bugs on your egg plants.

Thornless Round Purple.—This variety has about superseded all others both for market and private use. The large size and high quality of its fruit and its extreme productiveness make it the most profitable for market gardeners. It often reaches a weight of 12 pounds. It is nearly round, high-colored and the vine is thornless.

Per packet 5c, ounce 30c

Endive

A tender and delicious salad for fall and winter use. Comes in after lettuce is gone. Should be sown in June or July and when nearly grown the tips are tied together to blanch the heart and remove the bitter taste.



ENDIVE.

Dallwig's Yellow Curled.—A very beautiful sort in which the leaves are very light colored, even the outer ones being nearly white. Plant moderately dense with divided leaves.

Yellow Moss Curled.—

Yellow Broad Leaved.—

Dallwig's Green Curled.—This is the hardiest variety, and very desirable for the home and market garden. The deep green leaves are beautifully cut and curled, easily blanched and become very crisp and tender and fine flavored.

Green, Curled Edge—

Green Moss Curled—

" Broad Leaved.—

Per pkt. 5c, ounce 15c

KALE.

1 oz. to 1,500 plants. Seeds may be sown in a moderately rich soil, in an exposed situation, in April or May. In transplanting treat the plants like young cabbages. The center leaves are used as spinach, and are much improved by frost.

Dallwigs's Dwarf Green Curled.—Plant low and compact, but with large leaves curled, cut and crimped until the whole plant resembles a bunch of moss. It would be well worthy of its cultivation simply for its beauty. One of the best sorts for use, and when grown and cooked is one of the most palatable of vegetables. (See half-tone plate 5).

Half Dwarf Green Curled.— Packet 5c, ounce 15c

Dwarf Brown Curled.— Packet 5c, ounce 15c

KOHLRABI.

1 oz. to 1,500 plants. Grown for its turnip-shaped bulb which should be used when young and tender. It contains the flavor of Cabbage and Turnip and when properly prepared is one of the most delicious of vegetables. Sow in light, rich soil as early as possible, in drills 16 inches apart, and when well established, thin to 6 inches apart in row.



GIANT CARANTAN.

Dallwig's Star of the Market.—Much superior to Vienna. It is very early and the best for forcing as well as for outdoor culture. Bulb greenish-white, smooth, of finest texture and quality. Favorite Market Gardner variety. (See plate 4.) Pkt. 5c, oz. 20c

Early White Vienna.—A good market sort; flesh white and tender.

Packet 5c, ounce 15c

Early Purple Vienna.—Differs from the above in color only. Pkt. 5c, oz. 15c

Large Late Green.—Hardy and late. | **Large Late Purple—**

Packet 5c, ounce 15c

Packet 5c, ounce 15c

LEEK.

Sow very early in the spring, in drills six inches apart and one inch deep. Thin out to one inch. When about seven inches high, transplant them in rows twelve inches apart, and as deep as possible, but do not cover the young center leaves. Water thoroughly if dry when planted out. Draw up to them when they grow; rich soil is required.

Brabanter (Imported).—A large growing variety, with broad thick leaves.

Packet 5c, ounce 10c

Giant Carantan.—A mammoth growing variety, often 3 inches in diameter, of excellent quality, becoming very white and tender. Pkt. 5c, oz. 10c

Musselburgh.—Grows to a large size. Flavor mild and pleasant. Pkt. 5c, oz. 10c

LETTUCE

CURLED OR LOOSE LEAVED VARIETIES

Black Seeded Simpson.—One of the best and most popular varieties for market gardeners, as it is attractive, of excellent quality, and continues a long time in condition for use.

Per packet 5c, ounce 10c

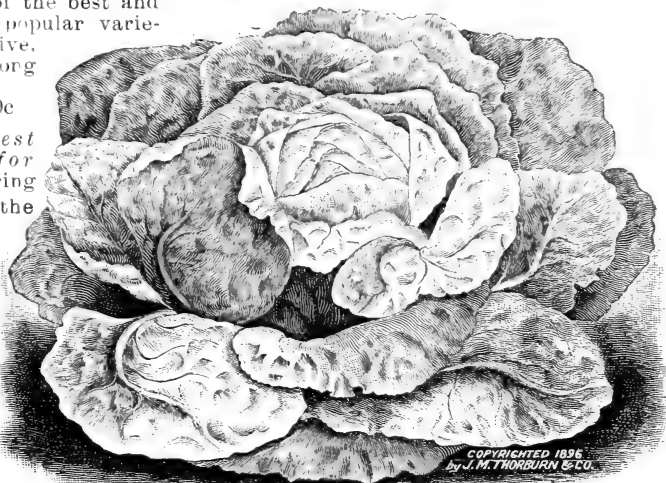
Grand Rapids Forcing.—*The best sort for shipping. Stands more neglect in watering and ventilation, will grow more weight on the same ground and will stand longer after matured, than any other sort. Of handsome appearance, a strong grower, and not apt to rot, and will keep from wilting longer while exposed for sale than any other sort. The seed we offer is the true sort.*

Packet 5c, ounce 10c

Earliest Cutting.—The earliest cutting variety in the market.

Packet 5c, ounce 10c

One Ounce will Sow 150 feet of Dr. II.

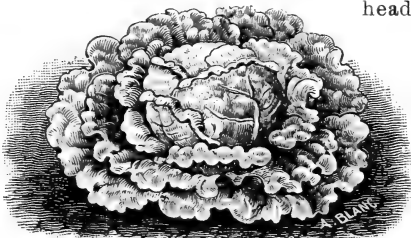


MAMMOTH BUTTER.

HEAD LETTUCE

Mammoth Erfurt Yellow.—Large and very firm; it is therefore in many respects similar to some of the cabbage varieties. The color of the leaves is yellowish green, bordered yellowish white. This new variety is as tender as any of the late and tall-headed varieties and is of long standing.

Packet 5c, ounce 20c



SILVER BALL.

Dallwig's Defiance Summer. Absolutely the best for summer use, standing the heat better than any other variety. Unequalled for long standing. One of the finest new varieties of Head Lettuce, which stands the summer heat better than any other. It forms very large, solid heads. The leaves are yellowish green.

Packet 5c, ounce 15c $\frac{1}{2}$ lb. 40c

Stonehead Golden Yellow.—Very solid heads; of superb quality and great beauty. Heads rather small, but very compact, of rich golden yellow color. Early.

Packet 5c, ounce, 20c

"A SELECT LIST OF HEAD LETTUCES."

	Pkt.	Oz.
Stubborn Headed Yellow (Trotzkopf). —Large; one of the best varieties for general use, long standing before doing to seed.	\$0 05	\$0 15
Mammoth Butter, Black Seed. —Large, solid, yellow heads of fine flavor. The favorite variety of market gardeners.	05	20
New Forcing. —One of the best for forcing; its form a medium large yellow head. Very tender. Equally valuable for open ground.	05	15
Emperor Forcing. —The best of all forcing head Lettuces. The big solid heads average 7 inches in diameter.	05	25
Laibach. —Extremely large heads; solid and long standing; tender.	05	25
German Incomparable. —Yellow with red or brown edges. Very large and solid. Of value on account of its long standing qualities.	05	15
Early Cabbage, or Speckled Dutch Butterhead. —A very reliable heading variety; slow to shoot to seed, leaves marked with rusty freckles.	05	10
Golden Spotted. —Large and firm heads, outer leaves golden yellow, beautifully speckled with reddish brown.	05	15
Silver Ball. —Silvery white color, very rich, buttery and of a most delicious flavor. Excellent both for early spring and summer.	05	10
Deacon. —Large and very solid heads of an attractive light green color.	05	10
Bloodsdales Early Summer. —Medium size, compact and firm; always heading and slow to shoot to seed. Second early in maturity.	05	10
Paris Sugar. —Early solid and tender.	05	15
Imperial of Asiatic. —Large yellow, tender.	05	10
Salamander. —Good-sized compact heads. Withstands drought and heat.	05	10
Brown Head Lettuce. —Forms a solid tender head.	05	10

MUSK MELON

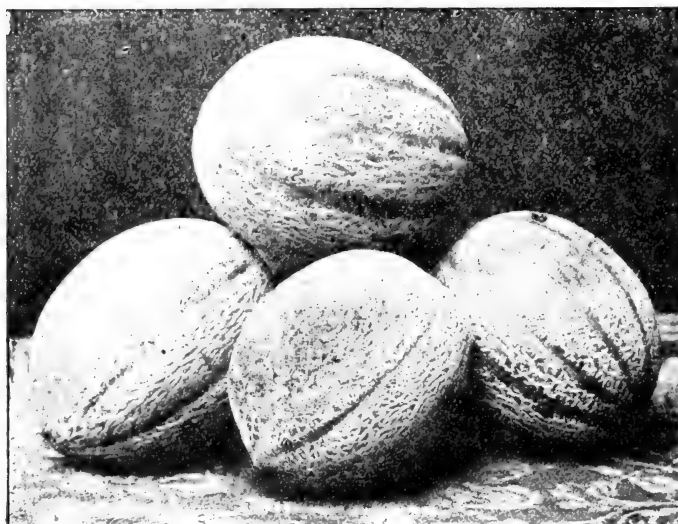
Musk Melons thrive best in a warm, rich, sandy loam. After thorough spading or plowing, make hills 6 feet apart each way and mix with the soil of each two shovelful of well rotted compost. The hills should be 18 inches in diameter, 15 inches in depth, and raised about 3 inches above the surface of the land. As soon as warm weather becomes established, plant 12 to 15 seeds in a hill. When plants are well up and all danger from bugs has passed, thin gradually, leaving finally 2 or 3 of the stockiest vines to hill. 1 oz. to 600 hills. Use Slug Shot to kill bugs.

GREEN-FLESHED VARIETIES

Rocky Ford.—A improved strain of the Netted Gem type, has attained national fame for dainty appearance, excellent quality and delicacy of flavor. The flesh is a light green color, very deep, exceedingly sweet, fine grained, combining every quality which goes into the make-up of a good Melon. Per packet 5c, ounce 10c, $\frac{1}{4}$ pound 25c

Standard Musk Melons with Real Merit.

	Pkt.	Oz.	$\frac{1}{4}$ lb.
Netted Gem. —Thick-meated, light green in color, and of fine luscious flavor. Very early.....	\$0 05	\$0 10	\$0 25
Montreal. —Flesh deep, sugary and green in color. Flavor fine.....	05	10	25
Netted Nutmeg. —Skin dark green, webbed or netted, shape round-ovoid; flesh green, sweet, melting.....	05	10	25
Early Hackensack. —The flesh is green, very juicy and sweet.....	05	10	25



ROCKY FORD.—Our illustration (from a photo.) shows the true type of this Melon, which is oval in shape, averaging 4 inches in length.

variety in all the hotels and restaurants. Skin dark green, slightly netted, medium sized and egg-

Champion Market Melon.—Almost a perfect globe and densely netted. The flesh is thick light green in color and of rich, sweet flavor.

Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 25c

YELLOW-FLESHED VARIETIES.

Tip-Top. Tip-Top in Quality.
Tip-Top in Appearance.
Tip-Top in Productiveness.

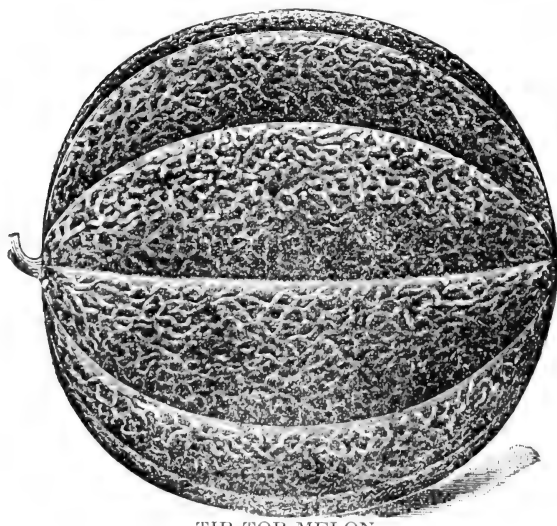
Sweet, juicy, finest flavor, firm (but not hard) fleshed, and eatable even to the outside coating. The fruit is of large size, nearly round, evenly ribbed and moderately netted.

Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 25c

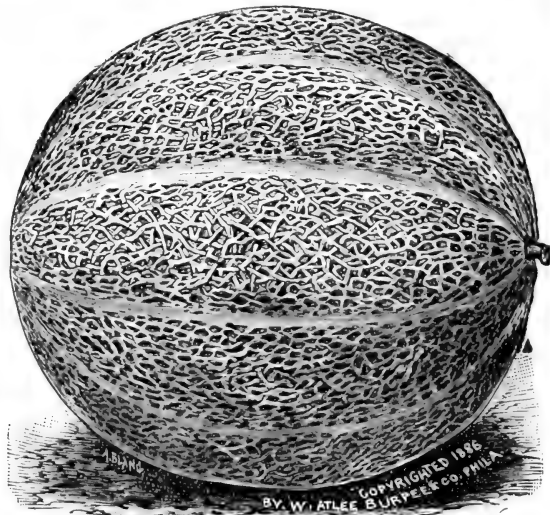
Osage Melon, or Miller's

Cream.—Greatly prized by those who like an exceedingly sweet and high-flavored melon.

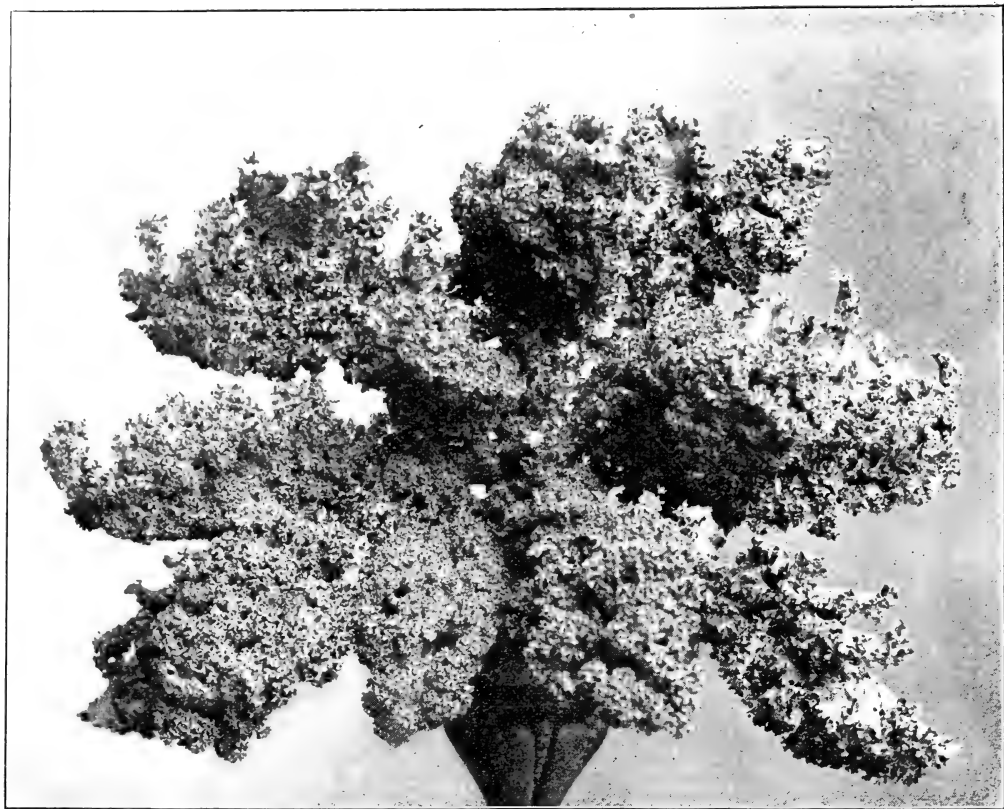
Styled the Queen of Melons. This melon has become the most popular



TIP TOP MELON.



CHAMPION MARKET MELON.



DALLWIG'S DWARF GREEN CURLED KALE.

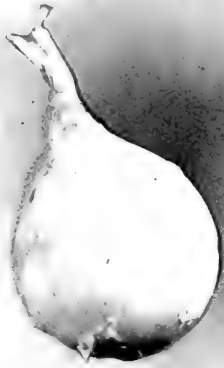


RADISH
Oval Shaped Gray Summer No. 1.



RADISH
Oval Shaped Gray Summer No. 2.

THE 3 FINEST GLOBE ONIONS



Southport
White



Southport
Red



Southport
Yellow

MUSK MELON. YELLOW-FLESHED VARIETIES

(Continued.)

shaped. The flesh is of a rich salmon-color, very sweet and melting in quality, and is so thick that the melon is almost solid, the seed cavity being remarkably small.

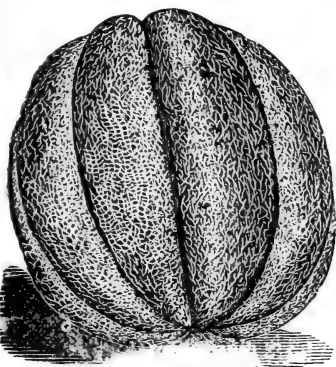
Per packet 5c, ounce 10c, $\frac{1}{4}$ pound 25c

California Citron.—A large globular melon, very good quality, flesh deep orange. Fine for market gardeners as it always commands ready sale. Eighteen to twenty will fill a barrel. Suitable for heavy soil.

Per packet 5c, ounce 10c, $\frac{1}{4}$ pound 25c

PETOSKEY OR PAUL ROSE MUSK MELON.

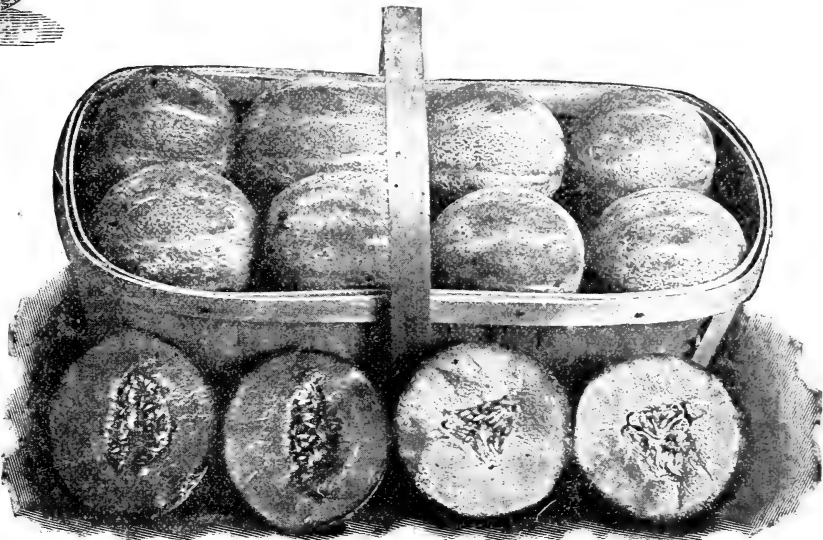
Handsome shape, good shipper, always of good quality.



MONTREAL.

The fruit is oval about five inches in diameter. The firm flesh is a rich orange red color like that of the Osage. The firm, solid flesh and strong rind make it the best shipper we know of, while it is just the size for hotel and table use. The best for the market gardener as well as for the home garden.

Per packet 5c, ounce 10c, $\frac{1}{4}$ pound 25c



PAUL ROSE MUSK MELON.

WATER MELON

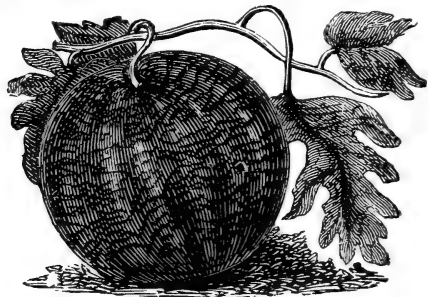
Landreth's Boss.—The color of the skin is very dark or almost black-green throughout its length. The *Flesh* is of a deeper scarlet and richer in appearance than that of any other sort, is rich in sugar, and always crystalline and melting. Pkt. 5c, oz 10c, $\frac{1}{4}$ pound 25c

EXTRA EARLY.—A very early medium-sized sort.

Per packet 5c, ounce 10c $\frac{1}{4}$ pound 25c

Mountain Sweet.—Standard variety; large, flavor good, rind thin, dark in color.

Per packet 5c, ounce 8c, $\frac{1}{4}$ pound 15c



CITRON

Kolb's Gem.—Light green, nearly round, flesh bright red, rich and sweet; a good shipper.

Per packet 5c, ounce 8c, $\frac{1}{4}$ pound 15c

Cuban Queen.—Flesh bright red, solid, very crisp; a good keeper.

Per packet 5c, ounce 8c, $\frac{1}{4}$ pound 15c

Rattlesnake.—Shape long and of even diameter throughout, large, bright red.

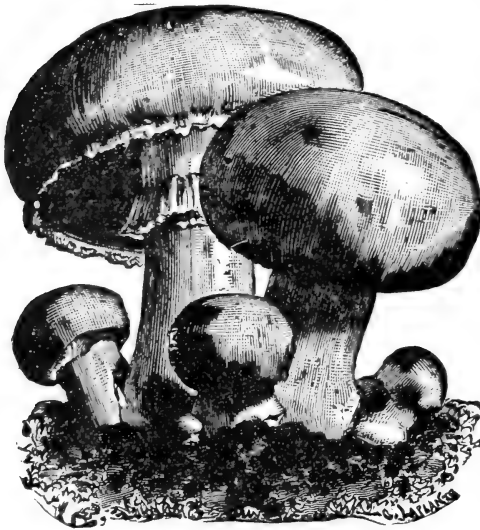
Packet 5c, ounce 8c, $\frac{1}{4}$ pound 15c

Preserving Citron.—A round, light dark striped Water Melon; used for preserving only.

Per packet, 5c, ounce 8c, $\frac{1}{4}$ pound 15c

MUSTARD. WHITE LONDON.

— Best for salads.
Per pound 20c



MUSHROOMS.

MUSHROOMS.

Considering the ease with which the great luxury of fresh mushrooms may be obtained, it is only a question of time when mushrooms will be as common as onions. They may be grown in an ordinary house celler, shed or out-of-the-way place. Caves are well adapted for the purpose. Fermenting horse manure at a temperature of about 70 degrees, mixed with an equal weight of fresh sod loam, is made into beds the size required, eight inches deep. See to it that the bed is placed very solidly and evenly. In this bed plant the broken pieces of spawn six inches apart, covering the whole with two inches of light soil, and protect from cold or rain. One brick will plant eight to ten square feet of bed. The mushrooms will appear in about six weeks. Water sparingly and with lukewarm water.

English Spawn.—In bricks. Per lb. 12c, 10 lbs \$1.00

ONION

OUR STOCK IS FULLY EQUAL TO ANY AND SUPERIOR IN QUALITY TO MOST THAT IS OFFERED.

A strong, deep, rich and loamy soil is most suitable for this crop. The ground should be heavily dressed with well-rotted manure, and plowed a moderate depth, taking a narrow furrow in order to more thoroughly mix the manure with the soil; if possible the plowing should be done in the fall. As early in the spring as the ground is in working order, harrow it thoroughly and make as fine a level as possible; sow thinly in drills one-fourth inch deep and twelve inches apart. Keep the surface of the ground open and free from weeds, but do not ridge up to the growing bulbs. One ounce will sow one hundred feet of drill. 4 to 5 pounds per acre.

Michigan Yellow Globe. Very similar to Bloomsdale, being grown in a different locality only. Per packet 5c, ounce 20c

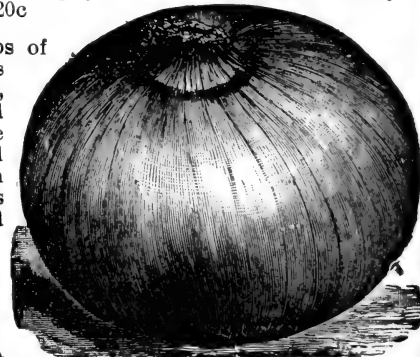
Bloomsdale Yellow Globe Danvers :: ::

Perfect in Shape. Best Color. Greatest Yielder. The largest crops of onions are always produced on rich, black lands. On such soils it is found that a globe shaped onion gives the largest returns, and to meet the demands of the professional onion grower located on such lands, we have offered this variety. The bulbs are large and uniformly spherical, with very small necks; of a rich orange-yellow color; enormous yielders and splendid keepers. No onion grower can afford to plant inferior seed when such as this can be procured.

Per packet 5c, ounce 20c

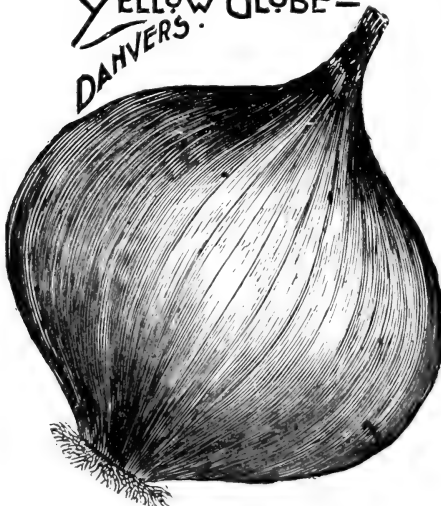
Yellow Globe Danvers.—Globe shaped; good keeper.

Per packet 5c, ounce 15c



YELLOW DANVERS.

**YELLOW GLOBE—
DANVERS.**

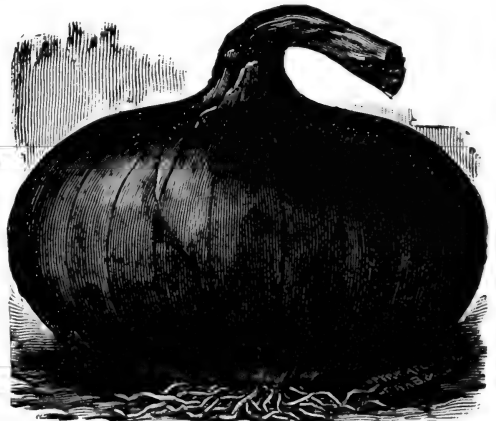


Danvers Yellow.—A flattened straw colored, long-keeping variety. Per packet 5c, ounce 15c

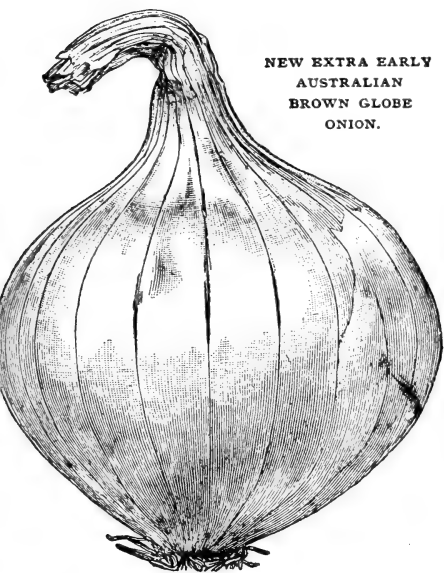
AUSTRALIAN BROWN.—

Medium size, wonderfully hard and solid very early. Color of skin clear amber brown. Excellent keeper.

Packet 5c, ounce, 20c



AUSTRALIAN BROWN.



NEW EXTRA EARLY
AUSTRALIAN
BROWN GLOBE
ONION.

ONION.

(Continued.)

Prizetaker Onion.—This is the largest, handsomest and most profitable variety ever grown. The outside skin is of a rich yellow straw color, while the flesh is white, sweet, mild and tender. Packet 5c, ounce 20c

Australian Brown Globe.—Perfectly round or globe shaped. The skin is a light brown. Flesh pure white, mild. Quick to mature, a long keeper, solid and heavy, an excellent onion for shipping. Packet 5c, ounce 15c, $\frac{1}{4}$ pound 40c

Large Yellow Strassburg.—A good keeper, valuable for shipping. Packet 5c, ounce 15c

Southport Yellow Globe.—A handsome globular variety of excellent flavor. Also very desirable as a good keeper. Per packet 5c, ounce 20c

Round Dutch Pickling.—A round, hard, white variety, excellent for pickling. Pkt 5c, oz. 20c

Round White Silverskin.—Early, small, round variety with an opaque white skin. An excellent sort for use in bunching, for pickles or as large onions. Pkt. 5c, oz. 20c

Earliest White Queen.—Small, flat, pure white, marvelous rapidity of growth. Packet 5c, ounce 20c

Southport White Globe.—A showy large white variety. Packet 5c, ounce 20c

Pearl.—*Earliest of all, pearly white, translucent.* Form flat, flavor mild. Keeping qualities good. Pkt 5c, oz. 25c

Mammoth Silver King.—A beautiful silvery onion, of great size and weight. Fresh snowy white meat, delicate, sweet and tender. It matures early. Pkt. 5c, oz. 20c

Silver Skin or White Portugal.—Large, solid and handsome white globe. Pkt. 5c, ounce 20c

Extra Early Barletta Onion.—The earliest onion grown; pure white color, mild and of delicate flavor; for pickling or table use. Per packet 5c, ounce 20c

Wethersfield Large Red.—A large, deep red, flat variety. Productive, Good Keeper. Pkt. 5c, oz. 15c

Extra Early Red Onion.—Of unusually early maturity, medium size, deep red in color and excellent keeper. Per packet 5c, ounce 20c

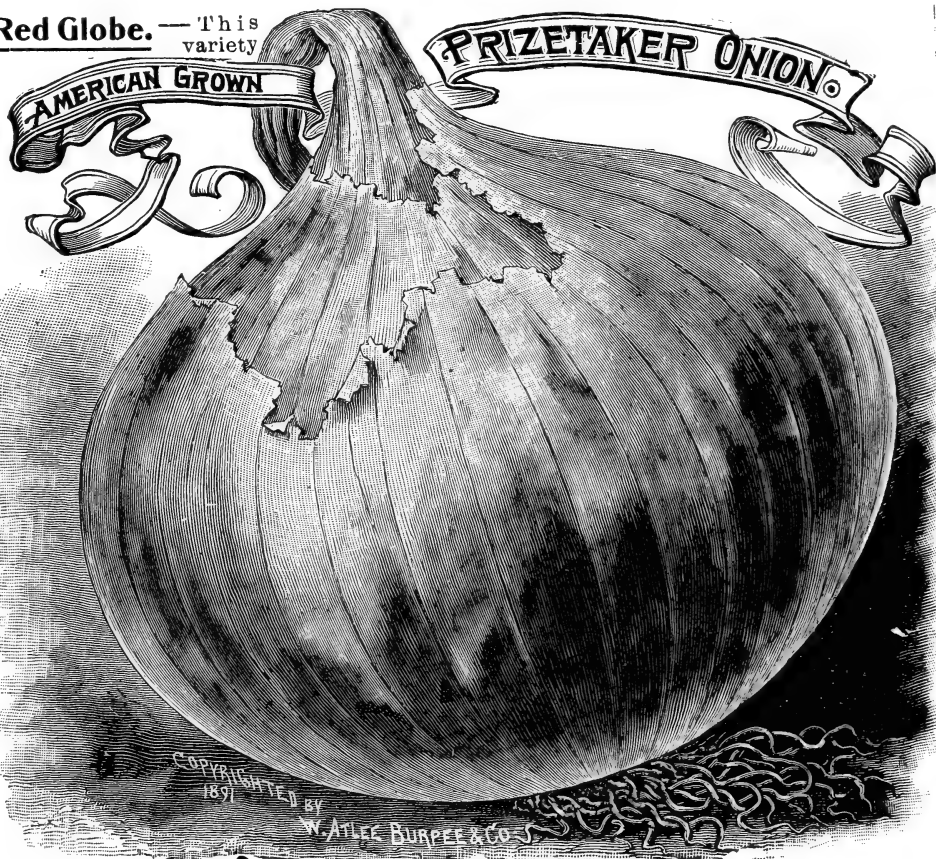
Southport Red Globe.—This variety

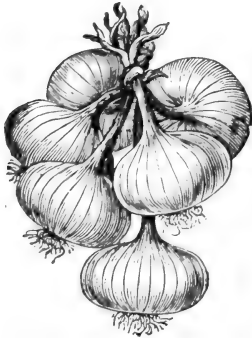
is of medium size, spherical with small neck, very deep, rich red color, and of superior quality. A large producer and good shipper. Packet 5c, ounce 20c

MINNESOTA RED GLOBE.

This is a new true globe onion, of the finest and most select type, so called to distinguish it from other stocks of red globe onions, differing in earliness, productiveness, perfection of shape and long keeping qualities.

Packet 5c, ounce 25c





EXCELSIOR PICKLING.

ONION.

(Continued.)

Excelsior Pickling.—In the Excelsior Pickling we have the long sought for small, round, white pickling onion. The best seller for market gardeners. Packet 5c, ounce 20c

ONION SETS.

One quart to 100 feet of drill.

We shall be glad to quote prices by the peck, bushel or barrel subject to market fluctuations.

Onion sets may be planted as early in the spring as the conditions of the ground will permit and these will produce onions in the green state by June. Set about 4 inches apart in drills 1 foot apart.

Bottom Sets, White or Yellow.

Multipliers

Top Sets, White, Red or Yellow.

PARSLEY.

Culture. It requires rich, mellow soil. The seed is even slower than parsnip in germinating, and should be sown as early as possible in the spring, in drills one foot apart, and when the plants are well up thin one foot in the row. When the leaves become old and dull they may be cut off and the plant will start a new growth which will be brighter and better curled. The moss curled variety makes a beautiful border plant.

Pain Parsley.—Leaves longer than the curled. Pkt. 5c, oz. 6c, $\frac{1}{4}$ lb. 15c

Early Moss Curled.—Leaves beautifully curled, light green, extra fine for garnishing. Very compact. Per packet 5c, ounce 8c, $\frac{1}{4}$ pound 20c

Early Turnip Rooted.— } The roots used for flavoring soups. Pkt. 5c, oz. 10c

Late Turnip Rooted.— } Per packet 5c, ounce 10c,

Imported Moss Curled Turnip Rooted.



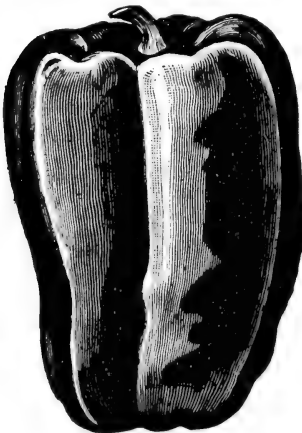
PARSNIP. Culture. One ounce will sow 200 feet of drill; 5 pounds for 1 acre. Sow as early in the spring as the weather will permit, in drills 15 inches apart, covering half an inch deep. They do best on rich sandy soil.

Bloomsdale.—The Bloomsdale is half-long, wedge shaped, hollow crowned, and very broad at the shoulders, easily taken out of the ground and produces more tons to the acre than the longer and more slim varieties.

Per packet 5c, ounce 10c, $\frac{1}{4}$ pound 20c

Sugar Hollow-Crowned or Cup.—An old form and very good. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c

Magnum Bonum.—A productive variety of delicate flavor. Excellent for winter. **PARSNIP.** Per packet 5c, ounce 10c, $\frac{1}{4}$ pound 20c



RUBY KING PEPPER.

PEPPER.

One ounce seed to 1500 plants. Peppers are more tender than most vegetables. The seed should be sown in a hotbed, cold frame or a box in the window and transplanted about the last of May. They can be sown in the open ground when the weather becomes warm and settled. Warm mellow soil, well fertilized, should be used.

Ruby King.—A large variety of large sweet Spanish; very showy; symmetrical in shape; bright red color. Per packet 5c, ounce 20c

Large Sweet Spanish.—(Bell Shaped). The large red variety generally used for pickles. Packet 5c, ounce 20c

Bull Nose.—Similar to Sweet Spanish, but producing longer fruit; very hot. Packet 5c, ounce 20c

Cayenne.—(Long). Fruit long, slender; very hot, productive sort. Packet 5c, ounce 20c

PEAS.

Culture. Peas mature earliest in light, rich soil; for the general crop a moderately heavy soil is the best. Commence sowing the early varieties as soon as the ground can be worked, continue for a succession every two weeks until June. One quart for 100 feet of drill; 2 bushels for an acre.

Landreth's Extra Early.

Everywhere, both in America and Europe, the standard for earliness, maturing for table forty-five days from germination and frequently, under peculiar conditions, in thirty-eight days. Vine 2 feet high. Sticks not necessary. Best variety for Autumn pickling. Per pint 15c, quart 25c

PEAS.

(Continued.)

Extra Early Market.—Since we introduced this pea some years ago we have thoroughly satisfied ourselves that this is the earliest and most even stock of White

Extra Early Peas in existence, maturing so well together that a single picking will secure the entire crop, making it the most valuable pea for the market gardener. Vines vigorous and hardy, *extremely prolific*, the pods being numerous, and well filled with peas of good size and delicious flavor. The seed is yellow. Per pint 15c, quart 25c

Alaska.—Seven days earlier than most early sorts, of larger size and ten per cent more productive. Grow about 2 feet high and bear 4 to 7 long pods which are filled with medium-sized, bright green peas, of excellent flavor. Per pint 15c quart 25c

American Wonder.—A popular dwarf, early, wrinkled pea.

Per pint 15c, quart 30c

Nott's Excelsior.—This is a very fine new extra early dwarf wrinkled Pea, the pods average fully one-third larger than the *American Wonder*, and while perhaps not quite so early, by a few days, are all ready for picking at one time. Each pod contains six to eight large peas, which are of *unusually sweet flavor*. So closely are the peas packed in the pods that they are flattened against each other. A most desirable sort for the market gardener, and unsurpassed for the home garden. Per pint 15c, quart 30c

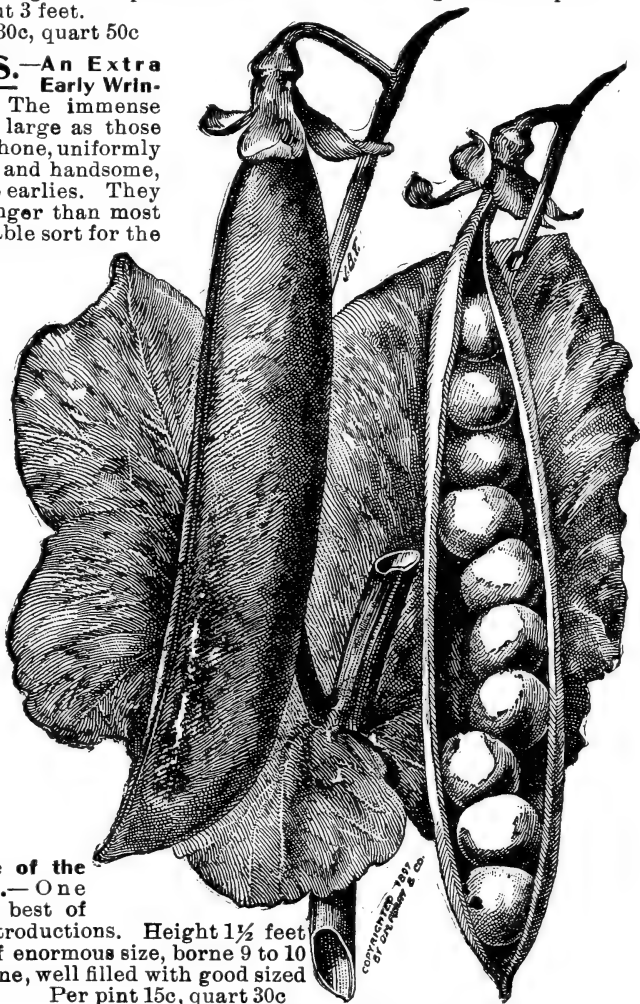
"Thomas Laxton."—Even superior in earliness, hardiness and large size of pod to Gradus which is one of its parents. Notwithstanding its great earliness, the pods are fully as large as *Telephone* and well filled with large luscious peas. Height about 3 feet.

Pint 30c, quart 50c

GRADUS.—An Extra Early Wrinkled Pea.

The immense pods are as large as those of the *Telephone*, uniformly well shaped and handsome,

and more attractive than those of other first earlies. They ripen slowly and continue fit for use much longer than most varieties, making this by far the most desirable sort for the home garden. The peas are large, of splendid quality and beautiful color which they retain after cooking. **Every gardener should try it.** Per pint 25c, quart 40c



Pride of the Market.—One of the best of late introductions. Height 1½ feet pods of enormous size, borne 9 to 10 on a vine, well filled with good sized peas. Per pint 15c, quart 30c

CARTER'S TELEPHONE PEA.

THOMAS LAXTON PEA.

PRIDE OF THE MARKET PEA.

PEAS.

(Continued.)

Surprise—Possesses the quality of the American Wonder and is as early as the Earliest of the Hard Peas. The young vines grow 24 inches high and need no bushing, the pods are well filled containing 6 or 7 peas. The Peas are not as large as those of the American Wonder, but **Surprise** is a far better cropper and ready for market **days before**.

Per ½ pint 10c, pint 20c, quart 30c

Premium Gem.—An improvement upon the Little Gem, larger and more productive.

Per pint 15c, quart 30c

Improved Tom Thumb.—Vine bushy, growing to a height of five to eight inches.

Per pint 15c, quart 25c

Dwarf Telephone.—Vines about 18 inches high. Dwarf, vigorous growth; very productive. Pods 5 inches long, filled with pale green, deliciously flavored peas.

Per pint 15c, quart 30c,

TELEPHONE.—Vine vigorous, growing about four feet high, with large, coarse leaves. **Pods very large, filled with immense peas, which are tender, sweet and of excellent flavor.** Notwithstanding the large amount of inferior and spurious stock which has been sold, no pea of recent introduction gained more rapidly in popularity than this, thus showing that it has **sterling merit which gardeners appreciate.** The stock we offer is prolific and has been carefully selected.

[Illustration page 21.]

Per pint 15c, quart 25c

Duke of Albany.—Immense pods of dark green color on style of Telephone. Pt. 15c, qt. 30c

Peruvian Black-Eyed Marrow Fat.—A vigorous grower. Plant on poor soil.

Imported Sugar Fuerst Bismarck.—Earliest dwarf, 1½ feet high, fully a week earlier than any other existing early Sugar Pea. Edible

Pods.

Imported Mammoth Sugar.—(White Seed). An edible podded variety, growing about four feet high, pods very large. Being edible podded, it should be used in the same way as a wax bean; very sweet and tender.

Per pint 25c, quart 50c

PUMPKIN.

Mammoth Tours.—A French variety growing to immense size.

Packet 5c, ounce 15c

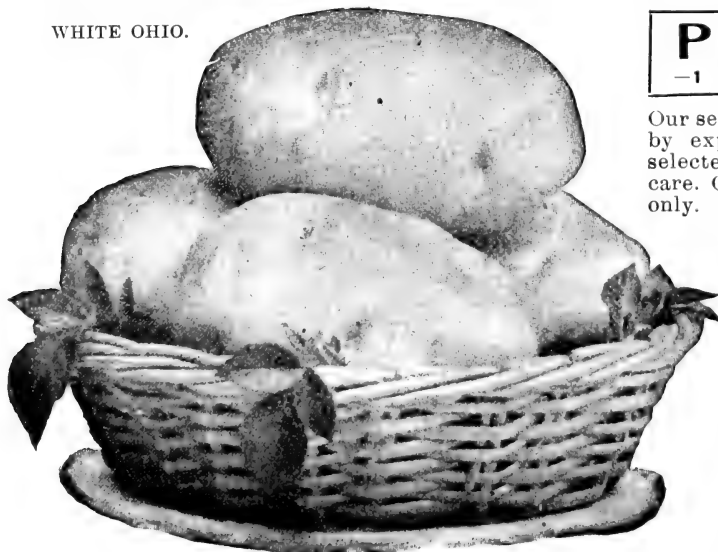
Sugar.—An excellent small, round Pumpkin, with deep orange colored skin, flesh sweet and sugary.

Per packet 5c, ounce 10c

Common Field.—Used for cattle feeding; very productive sort.

Lb. 25c

WHITE OHIO.

**POTATOES.**

—1 peck will plant about 125 hills.—

Our seed potatoes are "Northern Grown" by expert cultivators, and have been selected for quality with the greatest care. Our revised list contains the cream only. Inferior sorts are eliminated. The tubers are large and free from disease.

Prices on Application.

White Ohio.—Identical in every way to the best type of old Ohio, except in color, which is a fine white. It has given the best of satisfaction in the past. For every locality where a White Potato is the popular market color this new Ohio is bound to be a winner.

Hewes' Early.—This new seedling resembles the Acme and Early Six Weeks. It is extremely early, very free from mixture with any other kinds, cooking and keeping qualities unsurpassed.



THE NEW SURPRISE PEA.



EARLY SIX WEEKS.

are much smoother and of better shape than the well known Early Ohio, while the yielding qualities are improved one third. They keep firm until late in the spring.

Early Rose.—We claim for our stock of this well-known variety extra earliness and better yielding qualities than found in the average stock.

Carmen No. 1.—This potato is medium in season, resembles the Rural New Yorker in appearance, flesh white. Its chief characteristic is enormous productiveness; of finest quality, dry, white, mealy.

USE HAMMOND'S SLUG SHOT to destroy potato bugs and those on tomato and egg plants, currant worms, cabbage lice and worms, fleas, beetles and striped bugs on melons, turnips, beets, onions, etc., canker worms and caterpillars on fruit and ornamental trees.

POTATOES.

(Continued.)

Early Six Weeks.—Medium size, smooth, oblong, skin pink, flesh white, tubers grow close together in the hill and grow so rapidly that under favorable circumstances they are fit for family use in 6 weeks from the time of planting; mature in 10 or 11 weeks.

Improved Extra Early Ohio.—Standard extra early Potato, maturing two weeks ahead of the Early Rose. A special favorite with marketmen and the most profitable sort they can grow. It gives satisfaction in all parts of the country. In this improved type the tubers



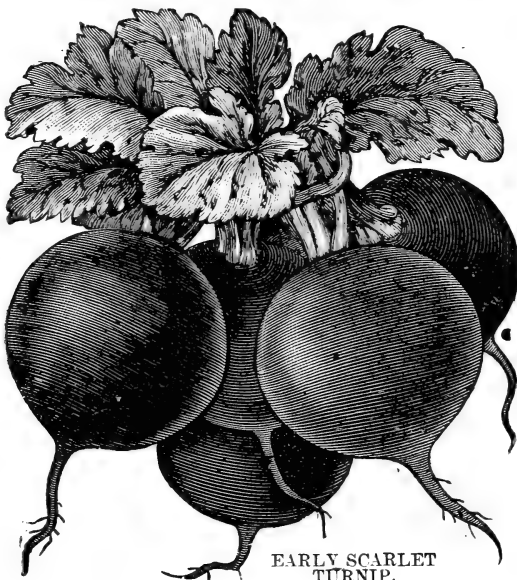
IMPROVED EXTRA EARLY OHIO.

canker worms and caterpillars
Price per lb. 7c, 5 lbs. 30c

RADISH. Culture. One ounce will sow 100 feet of drill. For the first crop sow as early in the spring as the ground can be worked, and every two weeks throughout the season, for succession. A warm sandy loam, made rich and light by some good strong manure, will be most likely to afford them brittle and free from worms. Sow in drills 10—12 inches apart. The winter varieties should be sown in July.

Earliest Forcing.—"Earliest Forcing" is decidedly the earliest of all turnip radishes, of a handsome, slightly oval form and remarkably short-leaved; its unique splendid scarlet color, added to its large size, tenderness without getting pithy, and unsurpassed flavor render it very attractive and worthy of the widest cultivation.

Per packet 5c, oz. 15c

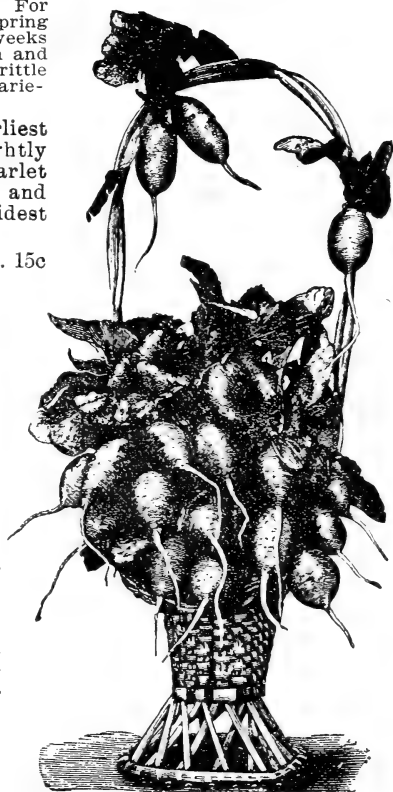


EARLY SCARLET TURNIP.

Earliest Scarlet Turnip.

—A small, round, red, turnip-shaped radish, with a small top and of very quick growth. A very early variety, deserving general cultivation on account of its rich color and crisp tender flesh. Desirable for forcing or early outdoor planting.

Per packet 5c,
ounce 10c,
½ pound 25c



"EARLIEST FORCING."



"ICICLE."

ture: crisp and tender flesh and handsome shape.

Per packet 5c, ounce 15c, $\frac{1}{4}$ lb. 30c

Wuerzburger Giant Forcing.—This new Forcing Radish grows to the large size of 2 inches in diameter without getting pithy. It is of excellent quality, crisp, tender, of beautiful rich red color, and is equally as well adapted for outdoor culture as for hotbed forcing.

Per packet 5c

Dallwig's Oval Shaped Golden Yellow.—Skin rich golden yellow; flesh white, very crisp and tender. The roots are oval, smooth and handsome.



WHITE STRASSBURG.

RADISH.

(Continued.)

New White Radish "Icicle."—Vies in earliness with the earliest forcing radishes. Roots of pure snowy, almost transparent whiteness, four inches in length and half an inch in diameter; they retain their crispness and fresh, mild flavor a long time. They are slenderly tapering, with very few small leaves. Per packet 5c, ounce 10c

Dallwig's "20 Day Radish."—Excellent for Forcing. Quick growth is one of the main essentials for a crisp and tender radish. This variety matures very rapidly, making it valuable both for forcing and outdoor culture. The flesh is pure white, very crisp and of pleasant flavor; the skin is a most attractive bright scarlet. Very short-leaved. Form slightly elongated or cone-shaped.

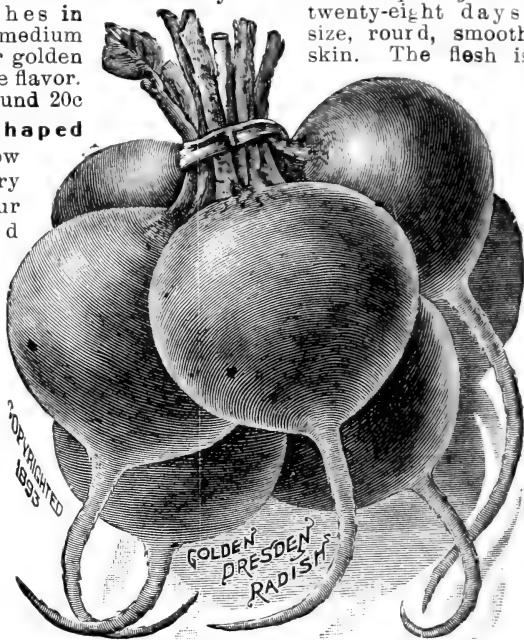
Per packet 5c, ounce 10c, $\frac{1}{4}$ lb. 25c

Golden Dresden.—A very valuable sort both for market and family use. It is of quick growth, twenty-eight days.

making radishes in The roots are of medium and have a clear golden white and of fine flavor. Ounce 10c, $\frac{1}{4}$ pound 20c

Early Oval-Shaped

White.—A new white radish, very similar to our Oval-Shaped Golden Yellow, and equally valuable for forcing or open-air culture.



Per packet 5c, ounce 10c, $\frac{1}{4}$ pound 25c

WHITE STRASSBURG RADISH.—The roots are of handsome oblong, tapering shape; both skin and flesh are pure white. The flesh is firm, brittle and tender, and possesses the most desirable characteristic of retaining its crispness for a long time. It is excellent for summer use as it withstands severe heat and grows very quickly. The seed can be planted throughout the summer and fine large roots will be rapidly formed. Valuable for family use and the market gardener.

Packet 5c, ounce 10c, $\frac{1}{4}$ pound 20c

OUR RADISH SEED

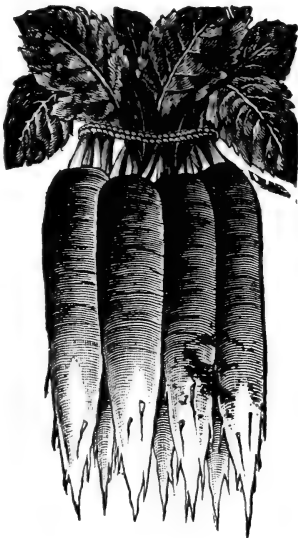
Is saved from selected transplanted roots by seed growers of experience, and should not be compared with a product where seed is drilled and harvested without selection.



"20 DAY" RADISH.

GRAY SUMMER RADISHES.

	Pkt.	Oz.	¼ lb.
OVAL-SHAPED GRAY SUMMER No. 1. —Smooth, solid, crisp and tender. Never grows pithy. For forcing or open air. A very smooth and handsome Radish of oval shape, netted gray color. Unlike most large Radishes this variety may be forced under glass never losing any of its flavor or crispness, a quality which makes it of inestimable value to market gardeners. Grown in the open ground it matures about the same time as our Oval-Shaped Golden Yellow.....	\$0 05	\$0 20	\$0 50
OVAL-SHAPED GRAY SUMMER No. 2. —For forcing or open air culture, in every respect equal to No. 1. This variety is in every respect equal to our No. 1, but somewhat later and grows to a larger size. The color also is a trifle lighter in shade. Like the No. 1 it may be grown under glass as readily as outdoors, and it is a valuable succession to the former. The skin is smooth, the flesh crisp, tender and of finest flavor.....	05	20	50
HALF-LONG GRAY AUTUMN. —Following our No. 2, it gives an unbroken chain of gray Radishes from early spring to winter. It possesses all the good qualities of the above varieties, and will not fail to please. In color it is like No. 2. An excellent winter keeper.....	05	15	35



CHARTIER RADISH.

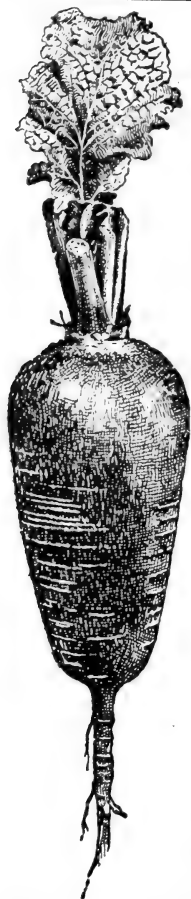
Please bear in mind that "cheap seed" may be very dear in the long run, for it means the loss of the season's labor, expense, use of the land and the crop, if the seeds do not turn out right. **Therefore** procure your seeds from a reliable **seed** house with an established reputation.



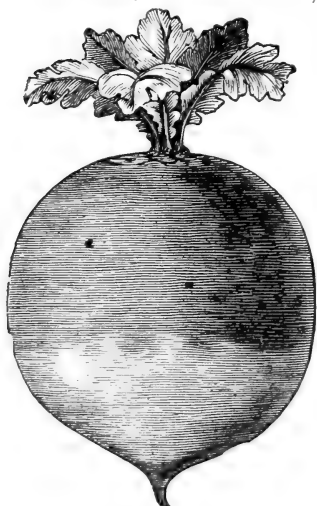
LARGE WHITE GLOBE.

POPULAR EARLY AND SUMMER RADISHES.

	Pkt.	Oz.	¼ lb.
Non Plus Ultra. —Matures in eighteen to twenty days. Small tops. Round with a deep scarlet skin.....	\$0 05	\$0 10	\$0 20
Erfurt Dreienbrunner. —Round scarlet, for forcing and out-door planting.....	05	10	25
Yellow Button. —Like Scarlet Turnip in shape. Yellow skin.....	05	10	20
Short Top Earliest White Turnip. —Suitable for forcing; very few and small leaves, small delicate bulbs.....	05	10	20
White Tipped Scarlet Olive-Shaped. —(French Breakfast). Scarlet bulb, white bottom. Very showy and delicate.....	05	10	20
Hamburg Forcing. —Very early, excellent scarlet forcing variety.....	05	10	20
Landreth's White Lady Finger. —A large, white, crisp variety, about half as long as Long Scarlet and similar in shape.....	05	10	25
Long Scarlet Short Top. —Long, straight, rich, and uniform in color.....	05	10	25
Early Scarlet Turnip, White Tipped. —Deep scarlet with white tip.....	05	10	20
Early Olive-Shaped Scarlet.	05	10	20
Giant White Stuttgart. —Very large, heart-shaped and of vigorous, quick growth: skin and flesh white.....	05	10	20
Oval-Shaped White Summer. —Excellent for summer use.....	05	10	25
Large White Globe. —A very large, round Summer Turnip Radish. Pure white skin and flesh.....	05	10	20
Gray Summer Turnip. —An excellent variety for summer use.....	05	10	20
Black Summer Turnip. —Skin deep black, flesh white, crisp, tender and firm....	05	10	20
Chartier Radish. —Handsome rose-colored Radish, tapering to white near the tip.....	50	10	20
White Delicacy. —Very early half-long, snow white. Fine for forcing.....	50	10	20



HALF-LONG BLACK WINTER.



RUTABAGA.

RADISH.

(Continued.)

WINTER RADISH.

firm texture.

Long White Spanish.—Valuable for winter use, of remarkably fine keeping quality.

Per packet 5c, ounce 10c, $\frac{1}{4}$ lb. 20c

Round Black Spanish.—A turnip-shaped, black-skinned winter-keeping Radish.

Per packet 5c, ounce 10c, $\frac{1}{4}$ lb. 20c

Half-long Black Winter.—Intermediate in shape between the Round and Long Black Spanish.

Per packet 5c, ounce 10c, $\frac{1}{4}$ lb. 20c

Scarlet China Winter.—Scarlet and pink in color, tipped white.

Per packet 5c, ounce 10c, $\frac{1}{4}$ lb. 20c**RHUBARB OR PIE PLANT.**

Culture. A deep, rich soil is best for Rhubarb. Sow early in drills, eighteen inches apart and one inch deep; the spring following transplant, allowing each plant at least two feet square; each fall mulch with manure. Never allow to run to seed. One ounce makes about 600 plants.

Victoria.—Leaf stalks very tall and large. Skin thick and red-stained. Pulp quite acid. Very productive and profitable for market gardeners.

Per packet 5c, ounce 15c, $\frac{1}{4}$ lb. 40c

VICTORIA RHUBARB.

RUTABAGA.

Culture. Sow the seed about a month earlier than turnips. They should be sown on ground enriched with well rotted manure, in drills two and one-half feet apart, and thinned to six to eight inches apart in the row. Keep the weeds thoroughly in check with the hoe or cultivator, and when the roots have grown full size,

and before hard freezing weather, pull, cut off the tops and store in a root cellar or pit. Ruta Bagas are sometimes sown broadcast and let take their chances with the weeds and bugs, but this method is only successful on new clearing in which there is no weed seed.

The Bloomsdale Swede.—In foliage it is not superabundant (as is European Swede); the shape is nearly globular and without neck, the crown deep purple, the flesh is very rich yellow.

Per packet 5c, ounce 10c, $\frac{1}{4}$ lb. 20c

White Fleshed Purple Top Rutabaga.—Differs from the yellow "Swede" in interior color. For table use some families prefer it to the yellow.

Per packet 5c, ounce 10c, $\frac{1}{4}$ lb. 20c**SALSIFI OR OYSTER PLANT.**

Culture. Sow when the cherry is in bloom, in drills, in deeply dug and well manured ground. The drills should be eighteen inches apart. When the plants are up a few inches, weed and thin them so as to stand four or five inches from each other. Preserve in pits, the same as Carrots or Beets.

Sandwich Island.—A variety superior to the French sort producing smoother, larger, and more vigorous roots.

Per packet 5c, ounce 15c, $\frac{1}{4}$ lb. 30c

Imported Scorzonera or Black Salsifi.—With the same culture three times the quantity can be grown on same area as Salsifi. It should be better known. The skin only is black.

Per packet 5c, ounce 30c



SALSIFI.

SUNFLOWER

Mammoth Russian.—Grows to double the size of the common Sunflower. Highly recommended for poultry; the best egg-producing food known.

Per pound 8c

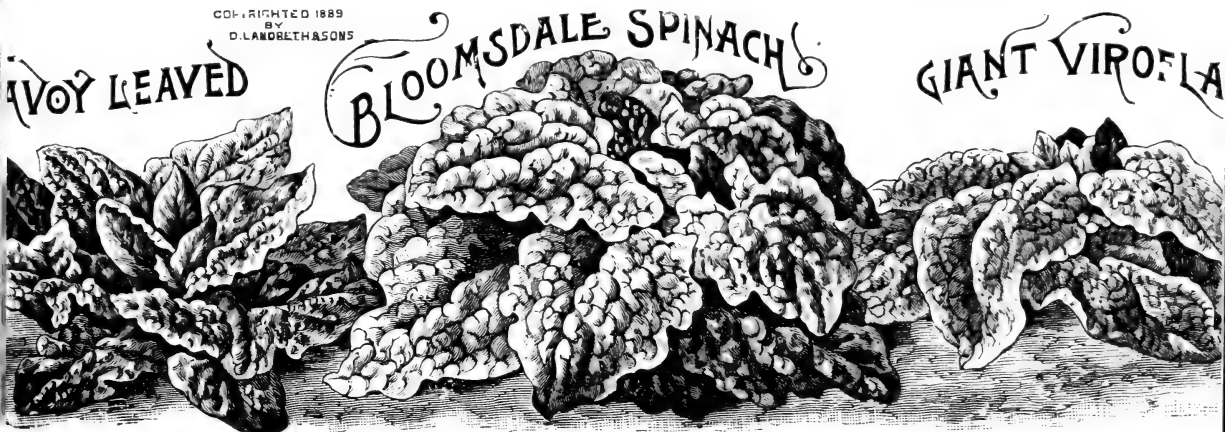
SPINACH. Bloomsdale.—(EXTRA CURLED). *Earliest Cutting of any sort.* This is a form of Spinach superior to other sorts because of its leaves being curled, twisted and bloated to an unusual degree, this curled quality giving the leaves an elasticity especially fitting them for shipment to long distances, while at the same time giving the crop large measuring qualities, many more barrels of the Bloomsdale Spinach being cut to the acre than any other variety, and thus adding an increased profit to the shipper. It is especially recommended for autumn sowing.

Thick-Leaved Round.—The popular market variety; good for either Fall or Spring sowing: leaves large, thick, roundish, and an immense yielder.

Per ounce 5c, $\frac{1}{4}$ lb. 10c, pound 25c

Per packet 5c, $\frac{1}{4}$ lb. 10c

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BY
D. L. ANDRETH & SONS



Long Standing.—This is decidedly the best variety for Spring sowing, as it stands fully two weeks longer than any other sort before running to seed.

Per packet 5c, $\frac{1}{4}$ lb. 10c

Victoria.—Extra dark black-green color. Two or three weeks later than the ordinary "Long Standing." A fine variety for Spring sowing.

Per packet 5c, $\frac{1}{4}$ lb. 10c

Squash. Culture. Few farmers appreciate the value of winter squash as food for stock. We think an acre of squash costing no more to cultivate, and much less to secure, will give as much food available for feeding stock as an acre of corn, and we strongly urge our readers to try a "patch" for this purpose. Plant when all danger from frost is past, and get in the winter varieties as soon as possible in order that they may mature. Plant in hills 4 feet apart for the bush varieties and 6 or 8 feet apart for running sorts. Put 6 or 8 seeds in a hill, thinning when all danger from insects is past to 3 or 4 plants in a hill.

SUMMER SQUASH. Early White Bush.—Earliest in maturity. Tender and delicate. Per packet 5c, ounce 10c, $\frac{1}{4}$ lb. 25c

Boston Marrow.—Color rich orange, a good keeper and of unsurpassed flavor. Per packet 5c, ounce 10c, $\frac{1}{4}$ lb. 25c



EARLY WHITE BUSH.

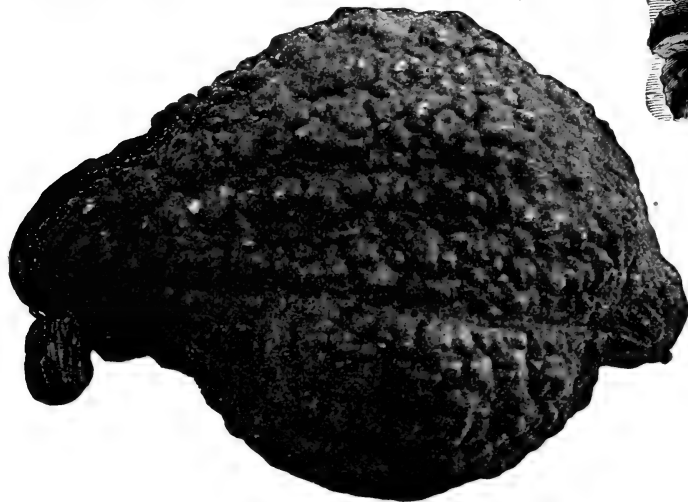
Golden Summer Crook-Neck.—Golden color, skin profusely warted; flavor superior.

Packet 5c, ounce 10c, $\frac{1}{4}$ lb. 25c

WINTER SQUASH.

Chicago Warted Hubbard.—Combines all the good points of the original Hubbard with rougher, harder, warted shell, making it especially valuable for shipping great distances.

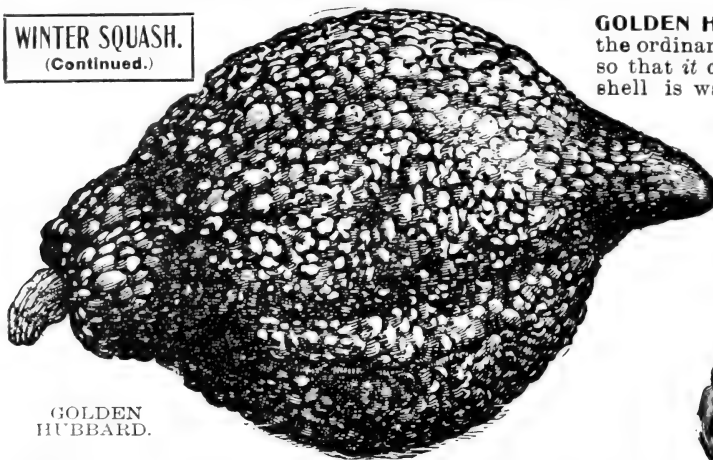
Packet 5c, ounce 10c, $\frac{1}{4}$ lb. 25c



CHICAGO WARTED HUBBARD.

WINTER SQUASH.

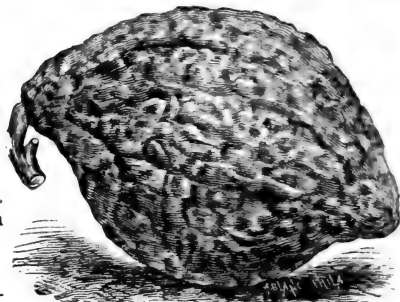
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GOLDEN
HUBBARD.

GOLDEN HUBBARD.—Of the same shape as the ordinary Hubbard. It is an excellent keeper, so that it can be held over for spring use. The shell is warty, hard and strong, and of a beautiful orange-red color. The flesh is deep orange to the rind.

Packet 5c, ounce 10c, $\frac{1}{4}$ lb. 25c

Hubbard.—Desirable for use throughout the Winter and Spring; flesh bright orange yellow, fine grained, very dry, sweet and rich flavored. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 25c



HUBBARD.

Fordhook.—Bright yellow outside and straw-yellow within. The flesh is dry and sweet; strong and rapid grower,—earlier in ripening than any other winter squash.

Per packet 5c, ounce 10c, $\frac{1}{4}$ pound 20c

Marblehead.—Remarkable for its combination of sweetness, dryness and delicious flavor. Per packet 5c, ounce 10c, $\frac{1}{4}$ pound 20c

Tobacco Seed. Culture. The seed should be sown as early as possible after danger of frost is over. A good plan is to burn a quantity of brush and rubbish in the spring on the ground intended for the seed bed, then dig and thoroughly pulverize the earth and mix with the ashes, after which the seed may be sown and covered very lightly. When the plants are about 6 inches high, transplant into rows 4 or 5 feet apart each way, and cultivate thoroughly with plow and hoe.

Connecticut Seed Leaf.—Perhaps the variety best adapted to the climate of the Middle and Northern States, being comparatively hardy.

Per packet 5c, ounce 20c, $\frac{1}{4}$ pound 60c

Havana.—From pure Cuban grown seed. When grown in this country commands a high price for cigar stock.

Per packet 5c, ounce 40c

TOMATO. Culture. Sow in a hotbed in early spring, or the seed may be sown in shallow boxes and placed in a window when one does not wish to have the trouble of a hotbed. Transplant to the open ground when danger of frost is past, setting the plants three feet apart each way. Tomatoes do best on light, warm, not over-rich soil.

A LIST OF STANDARD TOMATOES WORTH GROWING.

	Pkt.	Oz.	$\frac{1}{4}$ lb.
Atlantic Prize. —The earliest of all, smooth, red and solid	05	20	60
Acme. —Size medium, color reddish with slight tinge of purple; flesh deep scarlet and unusually solid	05	20	60
Beauty. —Fruit large, uniform in size, very smooth; skin purplish pink, flesh light pink, of excellent flavor	05	20	60
Favorite. —One of the largest perfect shaped Tomatoes, does not crack or rot; dark red	05	20	60
Perfection. —Early, large size, very productive, fine blood red	05	20	60
Paragon. —Large, solid and smooth, deep red	05	20	60
Magnus. —Purple-red fruit of largest size. Early and ripens evenly. Flesh thick, free from cracks, and is of excellent flavor	05	20	60
Stone. —Perfectly smooth, bright scarlet, very solid, good shipper	05	20	60
T. T. or Ten Ton Tomato. —Fruit deep red, smooth as an apple	05	20	60
Crimson Cushion. —Brilliant scarlet crimson. Extra large	05	20	60
Trophy. —Smooth, solid as an apple, fine in color, prolific	05	20	60
Peach Tomato. —Resembles a peach in shape, size and color, covered with a delicate bloom or furze like a peach; of most delicious flavor	05	20	60
Large Yellow. —A bright yellow; large, early, solid	05	20	60
Red Cherry. —Borne in large clusters; for preserving and pickling; bright red	05	20	60
Pear Shaped. —(Yellow). Used for preserving and pickling	05	20	60
Pear Shaped. —(Red). Differs from the above only in color	05	20	60
Husk Tomato or Ground Cherry. —This is liked by many for preserves and for eating from the hand. The seed we offer is that of the true Yellow Ground Cherry, and not the purple fruited sort which is scarcely edible	05	20	60

NOLTE'S EARLIEST.—Remarkable for its earliness, very large size, handsome shape and bright red color. Its solidity and fine quality are quite equal to the best medium and late sorts, while it ripens nearly as early as Atlantic Price. Per pkt. 5c, oz. 35c

Honor Bright.—Very productive and unequaled for shipping. Pleasing, palatable flavor, profitable to grow, a new bright red variety. The clusters bear 3 to 5 large, perfect fruits, which ripen evenly from blossom end to stem. Its table qualities are superb, the flesh when ripe, being tender and melting.

Per packet 5c, ounce 20c, $\frac{1}{4}$ pound 60c

**TOMATO.**

(Continued.)

SPARKS' EARLIANA.

No Tomato ever introduced has brought so much favorable comment. It stands unequalled for a first-early variety combining great size. The fruit grows very uniform, of fine shape, and is a bright red. Very solid and immensely productive.

Pkt. 10c, $\frac{1}{2}$ oz.

25c, ounce 40c

Dwarf Champion.

—Stems short, thick, stiff, almost self-supporting. Leaves very dark in color, much curled and twisted. Fruit borne in showy clusters, quite large, solid and of good color. Requires but little space. The dwarf habit of the vine makes it very desirable for forcing, as it can be planted closer to the glass, and more closely on the bench, than the tall growing kinds.

Packet 5c,
ounce 20c,
 $\frac{1}{4}$ pound 60c

Dwarf Aristocrat.—Erect, strong vine; large red fruit of fine quality.

Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 60c

TURNIP. Culture.

For feeding stock in fall and winter, there is nothing superior to Turnips and Rutabagas, and they will yield a larger amount of food than almost anything else on the same space of ground. We cannot too earnestly recommend farmers to increase their sowings largely, for we are sure no crop will prove more remunerative. The best soil is a new light, rich loam, entirely free from fresh manure. Sowing for summer use should be made very early in the spring; for fall or main crop from middle of July to middle of August. Make drills 14 inches apart, $\frac{1}{2}$ inch deep, and when of sufficient size thin the roots 5 or 6 inches distant.

White Egg.—Egg shaped, with thin white skin. Firm, fine-grained flesh.

Per packet 5c, ounce 10c, $\frac{1}{4}$ pound 20c

Extra Early Purple Top Milan Strap Leaved.—Earliest in cultivation. Flat, of medium size, smooth, solid and fine-grained; an excellent keeper.

Per packet 5c, ounce 10c, $\frac{1}{4}$ pound 20c

TURNIP.

(Continued.)

Red Top White Globe.—One of the best early varieties grown. Oflarge size and very rapid growth, globe-shaped bulbs with red or purple top; fine quality. Per packet 5c, ounce 8c, $\frac{1}{4}$ pound 15c**Early Flat-Red or Purple Top.**—(*Strap-Leaved*). Popular early, flat variety. Per packet 5c, ounce 8c, $\frac{1}{4}$ pound 15c**Early White Flat Dutch.**—(*Strap-Leaved*). This is the popular early Turnip for table use. Per packet 5c, ounce 8c, $\frac{1}{4}$ pound 15c**Amber Globe.**—Large size, keeps well. Per packet 5c, ounce 8c, $\frac{1}{4}$ pound 15c**Teltower.**—Small white. Per packet 5c, ounce 10c, $\frac{1}{4}$ pound 20c

FLAT TURNIP.

Sweet, Pot or Medical Herbs.

Anis	10c per ounce
Aperula Odorata (Waldmeister). Keep moist and shady.....	10c per pkt.
Basil, sweet	10c per ounce
Borage	10c per ounce
Caraway	5c per ounce
Chervil	20c per ounce
Coriander	10c per ounce
Chamomile	10c per pkt.
Dill	10c per ounce
Fennel	10c per ounce

Lavender	20c per ounce
Rosemary	30c per ounce
Marjoram, Sweet	20c per ounce
Savory, Summer	10c per ounce
Sorrel!	5c per pkt.
Sage	15c per ounce
Spirment	10c per pkt.
Thyme	25c per ounce
Peppermint	10c per pkt.
Taragon	10c per pkt.
Wormwood	30c per ounce

Selected Farm Seeds.

We give special attention to the quality of our Farm Seeds, and send out nothing but most carefully selected and re-cleaned stock. It is our purpose to supply the very best only. Prices on Farm Seeds subject to market changes. Purchaser pays freight in all cases.

CHOICE SEED FIELD CORN.

THE SEED CORN we offer is grown specially for that purpose, carefully selected, cured and shelled. It will pay any enterprising farmer to secure seed of the promising new varieties. Such men invariably obtain highest market prices for all they can produce.

White Cap Yellow Dent.—This now famous corn possesses the earliness of *Pride of the North*. Grows about 6 to 7 feet in height, with abundant foliage and fine large ear. The tip ends of the grains are white, the inside yellow, making it of a beautiful color both on cob and when shelled. It is enormously productive, husks and shells well. Per quart 10c, peck 50c, bushel 1.50

Pride of the North.—One of the most valuable and reliable varieties of dent corn that we know of. Fourteen to sixteen rowed. Per quart 10c, peck 50c, bushel 1.50

Longfellow Yellow Summer Flint.—Farmers' Favorite; a very early, productive and desirable variety. Per quart 10c, peck 50c, bushel 1.50

Red Cob Ensilage.—A most desirable variety, adapted to all sections of the country. It is sweet, tender and juicy; has short joints, abundance of leaves and grows to a good height. Per quart 10c, peck 35c, bushel 1.00



DWARF ESSEX RAPE.

Dwarf Essex Rape

The main secret in the successful raising of sheep for mutton, for which the English are so famous, lies undoubtedly in the very general use of Fodder Rape for feeding them. Dwarf Essex is easily grown and perfectly hardy, and possesses remarkable fattening properties. Pigs and cattle are also very fond of it. The plant is a rank grower and should have heavy manuring, as well as high cultivation. Any corn soil will grow Rape. Sow the seed during the third or fourth week in June; it can then resist drouth, and the crop can be ready to feed at a season when it is most needed. By sowing different pieces several weeks apart a continuous supply of good feed can be had. Per pound 15c, 10 pounds \$1.00

**VETCHES.** *Spring Tares.* (*Vicia Sativa.*)

Sown broadcast at a rate of 1 to 1½ bushels to the acre like wheat or barley, and sometimes mixed with oats for soiling. Per lb. 10c.

Sand or Winter Vetch.—(*Vicia Villosa.*) This variety thrives on poor, arid soils. It is sown in fall or in spring, and generally mixed with rye, which serves as a support to the plants. It grows to a height of from 3 to 4 feet, and can be cut twice for fodder, first as soon as the bloom appears, and then it can be again cut for the seed. The plant is perfectly hardy and the produce is recommended as most nutritious. The seed is black and perfectly round, and should be sown at rate of 100 lbs. to the acre. Per pound 15c, 10 pounds \$1.00

LUPINS. *Yellow.*—Remain green for a long period. Succeed well on the poorest soil, and is valuable for plowing in.

Blue.—Used for the same purpose as the yellow variety. Pound 10c

PEAS. *Field.*—Valuable for northern climates, for cattle feeding, being especially valuable for milch cows. It also makes ensilage of fine quality. Sown broadcast in spring and harrowed in. Qt. 10c

SEED GRAIN.

Prices on Seed Grain subject to market changes. Crown Expressly for Seed. Carefully Recleaned and Selected.

Barley. *Manshury.*—The very best six-rowed barley grown. Heads long, heavy, drooping and well filled, containing 75 to 90 grains each. Straw bright, very strong; does not lodge on the richest land. It is early in ripening and always plump, yields from 50 to 70 bus. per acre. Considered superior for malting. Long heads; distinguished from common sorts by a slightly reddish tint to the beard. Bus. \$1.00

White Hulless.—A great barley for stock feeding. Plump, heavy wheat kernels. Early, prolific; well filled heads. Per bus. \$1.75, peck 50c

Buckwheat. *Japanese.*—This variety is rapidly displacing all other sorts of Buckwheat. It ripens early and has much larger grains than all others. In shape the kernels are peculiar and distinct. Color a dark brown. It manufacturers a superior flour. Peck 40c, bu. \$.125

Choice Seed Oats. *Lincoln.*—The following are a few of its points of excellence: It is very early, and has thus far proved itself rust proof. It has given wonderful results as a yielder. Straw is stiff and strong. Grain is handsome and is valuable for feeding as well as grinding for oatmeal on account of its thin hull, heavy meat and soft nib. Per peck 25c, bushel 75c

New Zealand.—It is a white side oat, of medium size, with heavy heads of about 100 grains each. Almost entirely free from rust. Has tested 40 lbs. to the measured bushel without recleaning. Per peck 25c, bushel 75c

Irish Victor Oats.—Has proved superior to all other sorts grown in same section, in vigor of growth, stiffness of straw and productiveness. The straw is very stiff, holding the heavy head up well. It is fully as early as the Lincoln. The grains are large, plump and heavy. Plant grows to medium height, stools out exceptionally well, is free from rust and yields an immense crop. Per peck 30c, bushel \$1.00

High Grade Seed Wheat. *Saskatchewan Fife (Spring).*—Has

all the general characteristics of Scotch Fife, from which it is descended by careful selections. It excels in earliness, hardness, productiveness and freedom from smut and all diseases. Peck 50c, bu. \$1.50

Rye. *Spring.*—This variety has been developed simply by planting Winter Rye in the spring and selecting the seed so procured for several years. The standard variety for spring planting. Per peck 30c, bushel \$1.00

HIGH CLASS FARMING

Comprehends the growing of crops more extended in variety than is cultivated on the ordinary farm. Especially must this be practiced on farms devoted in whole or in part to the rearing of live stock, or those other farms the proprietors of which desire to establish show places. Among the special crops referred to are:

RAPE.—For soiling and folding sheep and swine. The sowing of the seed being made between 15th of May and 15th of June. Seed for an acre will cost 50 cents.

CARROTS AND MANGOLDS.—For horses and milch cows. The seed sown 15th May to 10th June. Seed for an acre will cost about \$1.50 to \$2.00.

SWEDES OR RUTABAGA.—For live stock of all sorts. The Bloomsdale is the best. Drilling should be made between 15th June and 15th July. The seed for an acre will cost about \$1.00.

TURNIP.—Turnips need not be sown so early as Swedes. They are of almost equal value. The seed for an acre will cost about 75c.

NEW ZEALAND OATS.



LAWN GRASS.



Dallwigs Emerald Green Grass Mixture.

The Lawn Grass Mixture which we offer should not be compared with the cheaper preparations advertised. Our prescription is of the best chosen varieties, as respects color, texture and permanency, and will be found clear of weed seeds. Any one who purchases cheap, badly mixed Lawn Grass will soon realize that it was a poor investment, as the error will stand out for years in glaring ugliness.

The grasses of which "Dallwig's Emerald Lawn Mixture" is composed will in the shortest time possible produce a beautiful dwarf, compact turf, which will endure the summer heat, and insure a rich, deep green sward throughout the season. We take every precaution to eliminate as far as possible all weed seeds.

Per pound 20c



A Velvet Sod.

Any one can have it; corporations do not control it. It will grow in the back yard of a city house as well as in the front. It will grow in the village as well as in the meadow or on the hillside. It is the world-wide covering of the earth as beautiful as flowers, more durable, less costly, nature's own blanket over the rocky soil. No trouble to prepare the soil to receive the seed, always a fair certainty of its growing, and when established a thing of beauty and a joy.

There exists no reason for unsightly, bare spots in yard or lawn, no reason except indifference to the beautiful, a want of energy, a want of system. Let none of these charges rest against you, reader, but put down grass seed wherever it is wanted, and rest assured you will be amply repaid in the satisfaction of having beautified your grounds, and of having set an example of good taste.

GRASS SEEDS.

The following list gives names and short description of the very best varieties for general use.

PRICES SUBJECT TO MARKET CHANGES.

Timothy.—It makes the best hay for horses and market of the entire list, and being an early grass is well adapted to spring grazing. It is a perennial, and if the meadow is kept in good fertility by surface dressing it will last and bear good crops indefinitely. We handle strictly pure stocks for those who want the best only. Sow 15 to 25 pounds to the acre. (Bushel 45 pounds.)

GRASS SEEDS. Continued.

Kentucky Blue Grass. (June Grass).—Valuable pasture grass and for lawns when mixed with other grasses. It grows well in rather a dry soil, but will grow on a variety of soils from the dryest knolls to a wet meadow. It endures the frosts of winter better than many other grasses. Flowers in June. Sow about 28 lbs. to the acre early in the spring or during October and November.

Red Top.—Thrives best on low lands, where it cuts a good crop of rather light hay of fair quality. Suitable for low pastures. Sow 2 bushels per acre; 14 lbs. to the bushel.

Orchard Grass.—This is one of the most valuable and widely known of all the pasture grasses. Its good properties are earliness, rapid growth and power to resist drought. It will endure considerable shade. If cut when in flower, or very soon after, it makes first-rate hay; ripe, it makes poor hay. Flowers about the same time as Red Clover. Sow 24 pounds to the acre.

Perennial Rye Grass.—Nutritious and valuable; in most cases not excelled by Blue Grass for pasture. It thrives on almost all cultivated soils; starts early and grows all summer. Height seldom over 18 inches. Flowers in June.

Sweet Vernal.—Useful as a mixture with other grasses on account of its early growth. It emits an agreeable odor when cut for hay. Sow 10 pounds to the acre with other grasses.

Millet.—Height 2 to 3 feet; succulent stem; leaves broad and numerous, grows rapidly, and matures early. Can be planted as late as August and mature a crop of hay the same season. Sow $\frac{3}{4}$ bushel per acre. 50 pounds to the bushel.

Hungarian Grass (*Panicum Germanicum*).—One of the most valuable annual soiling plants. It grows on ordinary soil; withstands drought well. As it is of very rapid growth, being ready for cutting within sixty days, it may be sown in this latitude as late as middle of July for hay, or middle of August for green fodder. It should be cut just before blooming. Sow 1 bushel to the acre. (48 lbs. to bushel.) Price variable.

CLOVERS. Prices on Application.

Red or June.—The common clover in general cultivation; grows 2 to 3 feet high, and is the best for hay. Makes excellent pasturage when sown with grasses, and is one of the best fodders for cows and sheep. When used alone, sow about 8 pounds of seed per acre; 60 pounds to the bushel. Write for prices in quantity.

Scarlet or Crimson Clover (*Trifolium Incarnatum*).—This clover is being recognized throughout the west and south as a necessary and valuable addition to economical farming. May be sown at any time from April to October. Sown early, the first growth is available for pasture in the fall, and still make a good crop of hay the following spring, or may be turned under for corn or other crops, and for that purpose is said to be even more valuable than the ordinary Red Clover. Rooting very deep, it supplies nitrogen and potash largely to the soil. Will grow a heavy crop of hay or seed on poorest land. Sow 15 lbs. to acre. Horses and cattle are fond of the hay, which should be cut as soon as in full bloom. Taken altogether, the Scarlet or Crimson Clover is a great boon to the farming community, being principally used for plowing under as a green crop. Per lb. 15c.

White.—Low; one of the best of the Clovers for permanent pasturage, but prefers moist land. Mixed with Blue Grass or Perennial Rye Grass it makes a permanent pasture of great grazing value. Stems fine and palatable, bearing numerous leaves of bright green color. Sow 6 pounds per acre when used alone, or 3 pounds with grass seeds. 60 pounds to the bushel.

Alfalfa or Lucerne.—Alfalfa flourishes in all southern and western states and has succeeded admirably in many localities of the North. It is one of the most valuable among the clovers. Standing for years, shooting its roots downward till they are ten to fifteen feet below the surface, it resists the driest weather, and when every blade of grass droops for want of moisture, it holds up fresh and green as in genial spring. It does not succeed on compact clay, nor on land with impermeable subsoil. Far from exhausting land, it increases fertility, as has been fully established. Cattle pastured upon Alfalfa are apt to eat off the crowns, consequently the best practice is to cut it and stall-feed the animals. Sow 10 pounds to the acre. Per pounds 15c.

Alsike or Swedish.—Hardy, resists extremes of drought and wet, yields large crops of superior pasturage, and much liked by cattle. It is well suited to sowing on lands liable to wash, as its long fibrous roots spread over a wide area, and so interlace and hold the soil as to resist the heaviest rains. Can be planted on any kind of soil. Blossom heads round, resembling White Clover in shape, flesh colored, sweet and fragrant; much liked by bees. Sow 6 pounds per acre in spring or fall; 60 pounds to the bushel.

  **Shopping by Letter.**  

The United States Mail Brings our Seeds to Every Man's Door,

Therefore there is no Trouble Obtaining Seeds by Mail.

Descriptive List of Flower Seeds.

The pleasure resulting from a large and varied collection of flowers will amply repay for time and labor spent.

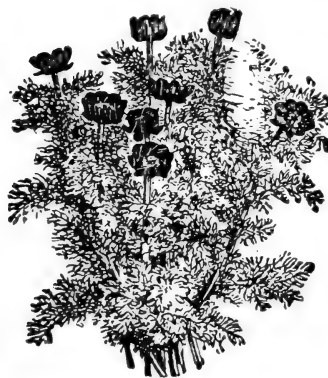
Culture. Most flower seeds germinate well in a rather light sandy loam. A general rule for the seed-bed is to have the soil rich, level and worked very finely. Sow the seed evenly in the rows, cover with the finest of soil, about three times the diameter of the seed, and press the soil firmly over the seed. The soil should never become dry after the seeds have been swelled. After the seeds are up, care must be taken to give them plenty of air and moisture. As soon as the second leaves are well out they should be transplanted into pots or new boxes. When finally transplanted to the bed or border they should be watered frequently until well established.

In the following pages we describe the leading flowers grown from seed, including many **New and Special Flowers** of unusual beauty. These seeds are all of the finest strains of the best varieties and are sure to give entire satisfaction. They are procured without respect as to cost, from the best growers of the particular kinds in America and Europe, and the whole makes a collection unexcelled in quality and vastly superior to the stock usually sold.

LARGE-SIZED PACKETS. Our packets are very large, and contain in most cases more seed than is needed in a home garden and about four times the quantity usually contained in the papers offered by department and some other stores. We have always found the liberal treatment of our customers to be the best paying feature of our business.

ALL FLOWER SEEDS SENT POSTPAID ON RECEIPT OF PRICE.

ABUTILON—Handsome little bushes covered with bell-shaped flowers in the daintiest and also strongest colors, dotted and handsomely veined. Are of easy culture; bloom readily from seed the first summer. (Hybrida Grandiflora.) Mixed colors.



ADONIS.

ADONIS—*Aestivalis* (Flos Adonis).

—Flowers bright crimson, peering from finely cut dark foliage.

Per packet 5c

AGERATUM.—Very effective

plants for bedding, remaining in bloom throughout the whole summer; valuable cut-flower.

Blue Perfection.—The darkest colored of all the large flowering Ageratums. Dwarf, compact growth. Its color is



ABUTILONS

a deep amethyst blue, and has nothing of the faded-out appearance of the old-style Ageratum.

Per packet 5c



ARCTOTIS GRANDIS.

Imperial Dwarf Blue.—

Imperial Dwarf White.—

Excellent plant for ribbon borders, 6 inches.
Per packet 5c

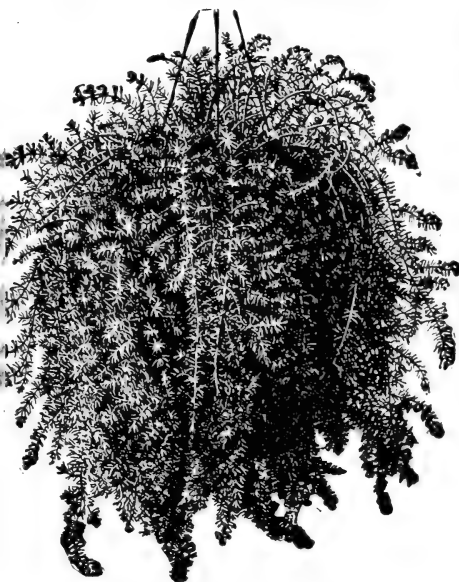
“Little Dorrit.”—Splendid blue, excellent for bedding
Per packet 5c

Swanley Blue.—Large flowering. Per packet 5c

ARCTOTIS GRANDIS.—Bushes 2-2½ feet high and wide.

Flowers large and showy, borne on long stems; ray florets pure white on upper surface with narrow yellow zone at base; reverse pale lilac-blue; disc light blue.

Per packet 10c



ASPARAGUS SPRENGERII.

ASPARAGUS SPRENGERII.

—Most handsome seen drooping gracefully and naturally from pot or hanging basket. The growths thrown up in a free and plumose manner, 4 to 8 feet in length, of a fresh, light or apple green hue, are admirably adapted for all delicate decorations indoors. It is harder than any other asparagus. It remains fresh for weeks after cutting.

Per packet 10c

ASPARAGUS PLUMOSUS.—(Asparagus Fern.)

One of the prettiest house plants. The leaves are bright green, gracefully arched, surpassing Maiden-hair Ferns in grace, delicacy of texture and richness of color. It is admirably adapted to house culture.

Per packet 10c



ASPARAGUS PLUMOSUS.

fectly round, with incurved petals; height eighteen inches to two feet.

Pure White, Light Blue, Light Blue with White, Bright Scarlet with White, Pink with White, Bright Scarlet, Deep Pink with White, Glowing Dark Crimson, Dark Blue, Delicate Pink, Carmine Rose, Mixed. Per packet 5c

Victoria.—Probably the handsomest variety, taken all in all, for size, color and profusion of bloom. The colors include many extremely delicate, some gorgeous shades; flowers very double, 1½ feet. Fiery Scarlet, Delicate Pink, Light Pink-White Tipped, Crimson, Dark Blue, Pure White, Pink with White, Light Blue, Carmine Rose, Mixed. Per packet 5c

Giant Comet Aster.—This distinct class of Asters resembles very much the Japan Chrysanthemum in size and shape of flowers. The petals are long and beautifully curled. They have a wide range of handsome colors and are extremely floriferous.

Snow White.—Grand pure white flowers of immense size.

"The Bride."—The flowers at first pure white, change to a lovely pink and finally to a beautiful rose tint; a most charming variety for cut flowers.

Alyssum (Sweet.)—A general favorite, with delicate white flowers of exquisite fragrance, very free blooming, suitable for beds, borders and rock-work; very useful cut flowers for the winter.

Benthami.—White, very sweet. Ounce 20c, packet 5c

Benthami Compactum.—Of dwarf, robust growth; six inches Ounce 30c, packet 5c

Little Gem.—This should really be called the "Snow White Carpet Plant," for the plants which are only a few inches high grow so dense, and are so completely covered with snow white blossoms as to create the impression of a beautiful carpet spread over the ground. We know of no other white flower which is so particularly well adapted to borders, ribbon bedding, etc., as our "Little Gem" Alyssum.

Per ounce 30c, packet 5c

Aquilegia (Columbines.)—Very handsome, ornamental hardy plants, growing two to three feet high; of easy cultivation, and bearing in profusion large flowers of novel shape and in great variety of color. The stems rise about two feet high, and carry numerous blossoms.

Coerulea.—Sky Blue, per packet 5c. Single Mixed, per packet 5c. Double Mixed, per packet 5c

Antirrhinum.—See Snapdragon.



AQUILEGIA (COLUMBINES.)

Dallwig's German Grown Asters.

It is an undeniable fact that for purity, Aster seed grown in Germany is far superior to any grown elsewhere. The climate is better suited to the full development of the flowers and the German growers have the experience of a century behind them. Ours is procured from careful and experienced growers.

Perfection.—Improved Paony Flowered.

A favorite class; thrifty upright growers; flowers large and almost perfectly round; height eighteen inches to two feet.

Pure White, Light Blue, Light Blue with White, Bright Scarlet with White, Pink with White, Bright Scarlet, Deep Pink with White, Glowing Dark Crimson, Dark Blue, Delicate Pink, Carmine Rose, Mixed. Per packet 5c

Victoria.—Probably the handsomest variety, taken all in all, for size, color and profusion of bloom. The colors include many extremely delicate, some gorgeous shades; flowers very double, 1½ feet. Fiery Scarlet, Delicate Pink, Light Pink-White Tipped, Crimson, Dark Blue, Pure White, Pink with White, Light Blue, Carmine Rose, Mixed. Per packet 5c

Giant Comet Aster.—This distinct class of Asters resembles very much the Japan Chrysanthemum in size and shape of flowers. The petals are long and beautifully curled. They have a wide range of handsome colors and are extremely floriferous.

Snow White.—Grand pure white flowers of immense size.

"The Bride."—The flowers at first pure white, change to a lovely pink and finally to a beautiful rose tint; a most charming variety for cut flowers.

GIANT COMET ASTER—Continued.**Light Blue.**— **Carmin.**—**Light Blue with White.**—**Pink and White.**— **Pink.**—Very delicate.

Any of the above colors, per packet 10c

Giant Comet Asters Mixed.—Includes all the above colors. Per packet 10c**Ostrich - Feather Aster.**—The

Ostrich-Feather Asters are a new type, with long, wavy, twisted, feathery petals, like the wavy beautiful feathers of the ostrich. They are a very valuable addition to the decorative class of Asters. Flowers frequently measure 4 inches across, borne on stems 20 inches long. Mixed, Pkt. 10c

White.—The giant-sized flowers are pure snow-white, and are very much like the large-flowering Japanese Chrysanthemums. A very valuable variety for cut flowers. Positively the largest flowering of any Aster. Per packet 10c

Bright Rose.—As the flowers of this novelty are not behind their white flowering sisters as regards loose texture, long petals and fine candelabrum growth of the plants, this new color is sure to be highly appreciated for any garden decoration by all friends of Asters, but will prove especially **indispensable** to all growers of cut flowers. Per packet 10c

Crimson.—The color of this new Ostrich-Feather Aster is a bright crimson, a shade unique among Asters. It blooms very profusely and comes true from seed. Highly recommended as a cut flower. Per packet 10c

Terra Cotta.—New. A splendid flower of novel color, 4 inches in diameter, on long, strong stems. Per Packet 15c

Queen of the Market.—Very early, extremely floriferous.

medium high variety. Flowers of medium size, double with very long stems. Excellent for bouquets. *Pink, White, Light Blue, Carmine, Deep Scarlet, Mixed.* Per packet 5c

Shakespeare.—This is a very pretty class, with perfectly double flowers of various colors; very dwarf and continues in flower a long time. *White, Pink, Carmine and White, Blood Red, Carmine, Dark Blue.* Per packet 5c

Mignon Aster.—A very floriferous variety of pyramidal shape, with beautiful globular flowers. *Pure White, Pink, Light Blue and Mixed.* Per packet 5c.

Giant Emperor.—Produces very large flowers, but at the expense of quantity; many measure six inches and over in diameter, and are perfectly double; height eighteen inches. *White, Pink and Carmine.* Per packet 5c.

Deep Scarlet Triumph.—This is undoubtedly the most beautiful and perfect of all dwarf Asters. Each plant forms an elegant bouquet of itself, seven to eight inches high. The flowers measure from two to two and a quarter inches across, of faultless form. The color is a rich, brilliant scarlet. Per packet 10c

A LAWN

may be established either by "sodding" or "seeding." The latter is not only much less expensive, but much more satisfactory, as better grasses can be thus obtained, and the quality and variety of the grasses have a great deal to do with the appearance and permanency of the lawn.

Carlson's Improved Aster.—This Aster is a type of the well-known Paeony Flowered, evolved by careful selection. It is a tall, luxuriant grower, and admirable for cutting. *White, Pink, Lavender.* Per packet 10c

Daybreak Aster.—Delicate pink color, graceful habit. Large, full flowers on long stems. Excellent for cutting. Per packet 10c

Branching Asters.—This Aster is a strong grower and its tendency to form numerous branches is very marked, therefore it should have more room than the ordinary Aster. A rather late bloomer, thus giving its crop of flowers in late autumn, a season when there is always a scarcity of bloom. The flowers are borne on very long stems and are four inches and more in diameter. The petals are broad, long, and many of them more or less twisted or curled. *White, Pink, Lavender, Purple, Crimson or Mixed.* Per packet 5c.

AURICULA.—A dwarf growing plant, bearing umbels of fragrant flowers, of many rich and beautiful colors. Per packet 10c



GIANT COMET ASTER.



BALSAM.

New Giant - Flowered Browallia. — Beautiful for either bedding or pot culture. This large flowered Browallia is one of the best plants for bedding in summer, and equally valuable for house culture in pots in winter. It grows about a foot high, forming dense little bushes, which are covered with an abundance of the most delightful sky-blue flowers. For beds, borders or pots there is hardly another plant with blue flowers that compares with it. Per packet 15c

Cacalia. — (Tassel Flowers). Tassel-shaped scarlet and orange flowers. Per packet 5c

CALCEOLARIA. — Very handsome and showy plants for the green house or house culture. The plants grow about eighteen inches high and during spring and summer are covered with a great many curious pocketlike flowers. Our seed is saved from the best European collection and will produce flowers of large size and in an endless variety of colors.

Calliopsis or Coreopsis. — Very showy plant producing flowers in every shade of yellow, orange, crimson and brown, will bloom until frost. Mixed Colors. Per packet 5c

CANNA. Stately ornamental plants, very desirable for bedding outdoors, where they produce clusters of large flowers of the most intense and brilliant colors. The seeds are extremely hard and it is advisable to file through the outside covering; soak in warm water several hours before planting. Comes readily from seed; that sown early will give blooming plants the first season.

Queen Charlotte. — Rich crimson scarlet with wide gold border; a profuse bloomer. Per packet 5c

NEW
GIANT
FLOWERED
BROWALLIA

BALSAMS. Balsams or Ladies' Slippers are old favorites with every one, owing to their handsome double flowers, brilliant colors and stately growth.

Double Camellia Flowered Balsams. — Lilac, light blue, carmine, scarlet, pink, purple. Mixed Colors.

Per packet 5c

Rose Flowered. — White, pink, yellow, red, apple blossom. Mixed Colors.

Per packet 5c

Dwarf Balsams. — All colors mixed. Per packet 5c

BEGONIA. — As bedding plants there is nothing to equal the Tuberous Rooted Begonia. They bloom equal to the geranium, but with a form and variety of colors and shading equal to the rose. They are easy to grow from seed, and if sown in February or March bloom the same year. For winter plants sow in August.

Single Tuberous Rooted Begonias. — Per packet 20c.

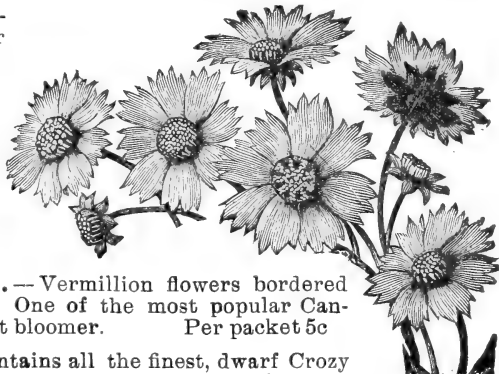
Begonia Rex. — Grown for their large, beautiful, ornamental leaves. Unexcelled as window plants. Pkt. 25c



BEGONIA REX.

Per packet 25c

See illustration under "Bulbs."



Mad. Crozy. — Vermillion flowers bordered with gold. One of the most popular Cannas. Great bloomer. Per packet 5c

Mixed. — Contains all the finest, dwarf Crozy varieties. Per packet 5c

CALLIOPSIS.

CAMPANULA.—(Canterbury Bell). A highly attractive class of plants, combining richness of color with stately growth; valuable for beds and borders.

Campanula Medium.—Blue, very pretty.

Per packet 5c

Campanula Medium.—Mixed.

Per packet 5c

Campanula. Cup and Saucer.—A beautiful variety; a most desirable and attractive addition to this class of old garden favorites. The bell or trumpet is nearly four inches in diameter, presenting the form of a cup, hence its name.

Per packet 5c

CANDYTUFT. (Iberis.)—Very useful for beds, ribbons, etc., also for pots and for cut flowers for bouquets. A bed of Candytuft in colors makes a splendid display.

Queen of Italy.—An exceedingly free flowering dwarf, compact variety with almost ever-

green foliage and delicate pink flowers; may be grown as annual or biennial; highly valuable for cutting purposes. Pkt. 5c

Empress.—A beautiful variety bearing candelabra-shaped branches, each producing a large truss of pure white flowers, presenting a perfect pyramid of bloom throughout the summer. See illustration plate VII.

Per packet 5c

Carmine.— **Purple.**— **Dark Red.**— **White Rocket.**— **Mixed Colors.**—

Per packet 5c

CELOSIA. Cockscomb.—A highly ornamental annual, valuable for bedding and house culture.



CELOSIA.



CANTERBURY BELL.

Empress.—Crimson

Queen of Dwarfs.—Carmine.

Fireking.—Bright red.

Pres. Thiers.—Much used in public parks for bedding. **Dwarf,** with dark leaves and broad, stiff combs.

Aurea.—Yellow.

Above dwarf varieties mixed.

Per packet 5c

CARNATIONS. The seed we offer is saved from the finest collection in Europe.

Extra Fine Double.—Mixed.

Per packet 5c

Grenadin Double.—Of dwarf, compact growth, flowers scarlet. Blooms some three weeks earlier than any other variety.

Per packet 10c

Early Vienna Double Dwarf.—Very fine for open ground culture, blooming early in the season; all colors. Of easiest growth. It should be in every garden.

Per packet 5c

Marguerite.—These superb new Carnations have created a great sensation, not only by reason of their fine double fragrant flowers, but also because they can be **TREATED AS ANNUALS.** Like the Chinese Pinks **THEY FLOWER FREELY THE FIRST SEASON** from seed sown in the open ground. They yield a profusion of fragrant, fringed flowers in great variety of colors.

Packet 5c

Marguerite Dwarf.—Extra fine mixture.

Per packet 10c

CENTAUREA MARGARET.—A very handsome plant which grows about eighteen inches high and produces large, pure white flowers of the sweetest fragrance. Being produced on long stiff stems, the flowers are most admirably adapted for bouquets, vases, etc.

Per packet 5c

Centaurea Imperialis.—**Royal Sweet Sultans.** *New.*

Beautiful sweet-scented, artistic shaped flowers, borne on long, strong stems, and when cut will stand for 10 days in good condition. Of the easiest possible culture, flowering continuously from early summer till autumn. **Alba.**—Pure white. **Armida.**—Lilac. **Favorita.**—Brilliant rose.



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PHILADELPHIA 1886

CARNATION.



CANDYTUFT EMPRESS.



ROYAL SWEET SULTANS
(*Centaurea Imperialis*.)



SHASTA DAISIES.



GIANT CALIFORNIA COSMOS.



CHRYSANTHEMUM CARINATUM.

CHRYSANTHEMUM.

The demand for these showy and useful flowers is increasing very rapidly. They bloom freely during the Summer and until late in the Fall, making a splendid display in flower beds; very useful for pot culture. Succeed best in rich loam, well dressed with rotted manure.

ANNUAL. **CARINATUM "CHAMAELEON."**—A very large flowering variety of this popular summer flower. It has received the name "Chamaeleon" because the colors of the flowers on one and the same plant are constantly changing from the first stage of its bloom until it is at its climax. Per packet 5c

Hybridum Fimbriatum, Fl. Pl.—The flowers of this beautiful Chrysanthemum with its finely fringed petals over-lapping each other, are double and appear in all colors, the red and dark shades being most prominent. Per packet 5c



CHRYSANTHEMUM MAXIMUM.

Graziosa.—Dark lilac. **Splendens.**—Dark purple. **Suavecolens.**—Yellow. Mixed, all the above sorts. Per packet 5c

(See illustration plate VII.)

Centaurea or Dusty Miller.—

Candidissima.—Leaves silvery white. Per packet 5c

Gymnocarpa.—Silvery gray foliage. Per packet 5c

Centaurea Cyanus.—Known as "Bachelor Button,"

"Blue Bottle," "Corn Flower," "Blueet,"

"Ragged Sailor," etc.; fine for cut flowers. Two to three feet. **Blue or Mixed.** Per packet 5c

New Double.

—It has been so perfected that fully eighty per cent of the flowers are double and semi-double; they are also increased in size and present many bright colors and distinct markings which have been hitherto unknown. Per packet 5c



CENTAUREA CYANUS

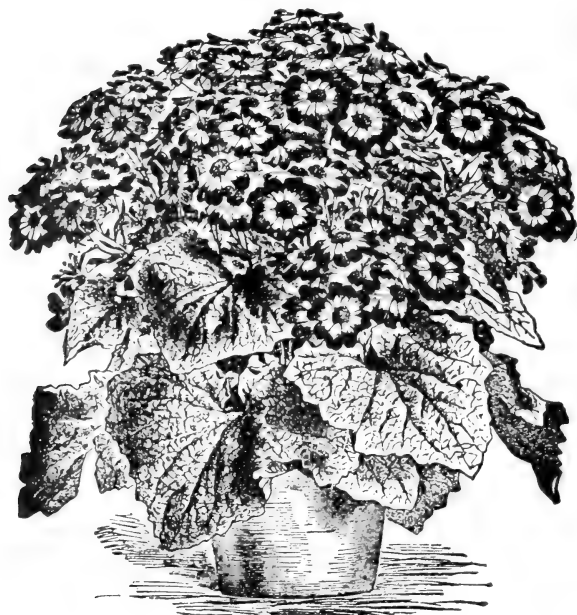
Carinatum.—Pure golden yellow, very distinctly marked with clear cut rings or bands of purple scarlet. Pkt. 5c

Inodorum Plenissimum.—Furnishes an abundance of double snow-white flowers throughout the whole summer and fall; 2½ feet. Per packet 5c

PERENNIAL.

"Perfection" or Large Ox-Eye

Daisy.—A free blooming hardy perennial, two feet high, is literally smothered with pure white flowers. It is decidedly one of the best white cut flowers in cultivation. Per packet 5c



CINERARIA.

Finest Hybrids.—In splendid mixture.

Convolvulus. **Mauritanicus.**—A beautiful trailing variety for vases, baskets, etc. Flowers blue with white and yellow throat. Per packet 5c

Tricolor.—Beautiful rose-colored flowers with pure white center, fringed with purple and shading toward golden yellow. Per packet 5c

COSMOS. **Giant California.**—For cutting for bouquets and vases this is one of the finest flowers grown, lasting in water for a week; the long stems and feathery foliage lend themselves to graceful arrangements. The plants, five to six feet high, of symmetrical pyramidal form, are one mass of feathery, emerald green foliage, studded with mammoth flowers of white, pink or crimson, enlivening the garden long after more tender flowers have succumbed to early frost. (See special half-tone plate VIII).

Giant Pink. **Giant White.**—The Pearl. **Giant Crimson.** **Giant Mixed.** Per packet 5c

Early Flowering Cosmos.—Comes into bloom in July and continues to flower until cut down by severe frost. Mixed. Per packet 5c

Early Flowering "Dawn." Flowers pure white with a delicate touch of pink at the base of petals. Dwarf Cosmos.. Per packet 5c

CYCLAMEN. Charming bulbous-rooted plants, with beautiful foliage and rich-colored orchid-like fragrant flowers; they require sandy loam.

Persicum Giganteum.—A great improvement over the old sorts; each flower measures from two to two and one half inches in length.

Mont Blanc.—Pure white. **Dark Blood Red.** **White with Carmine Eye.** **Rosa von Marienthal.**—Day-break pink. **Magnificum.**—White spotted and flaked red. **Giant Flowered Cyclamen in finest mixture.**

Per packet 5c

Daisy. (Perennial).—An old favorite which scarcely needs description. In bloom from April to June.

White, Deep Rose. Per packet 10c

Shasta Daisy.—A magnificent hardy perennial of the easiest culture. The seeds should be sown early. Bears immense flowers of purest white, on long wiry stems. Splendid cut flowers of good lasting qualities.

(See illustration plate VII).

Per packet 10c

Chrysanthemum.

(Continued.)

Frutescens.—Known also as "Marguerite" or *Paris Daisy*. Very popular with florists.

Large, white, star-shaped flowers. Two to three feet. Per packet 5c

Japanese Chrysanthemums.—If seed is sown in February or March the plants will bloom profusely next fall. Magnificent, enormous flowers in finest varieties. Per packet 10c

CINERARIA. A very pretty genus of plants, growing from one to three feet high. The flowers are of wondrous beauty, being brilliantly colored.

Hybrida Grandiflora.—(Large flowered). Per packet 25c

Bedding Cinerarias.—These are perennials and have silvery foliage.

Maritima Candidissima.—White foliage; compact habit. Per packet 5c

COLEUS.—Highly ornamental foliage plants in an endless variety of colors and shadings, indispensable for ribbon and carpet bedding, or as single specimens. Height, one to two feet.

Per packet 15c



CYCLAMEN.



CYPERUS.

red with white, double dark blood-red, double dwarf pink, double dwarf dark blood-red. Separate colors or mixed.

Cyperus, or Umbrella Plant.—Grows finely in water with rich soil or mud, throwing up long stalks with narrow green leaves. Easily raised from seed. Per packet 5c

Delphinium.—(See Larkspur).

Digitalis or Foxglove.—The tall flower stems of the Foxgloves are particularly handsome when seen growing among shrubbery, or in bold masses along walks or drives. Used as a background for lower plants they are also very fine. The long spikes are thickly strung with scores of showy, thimble-shaped flowers. Mixed. Per packet 5c

DRACAENA OR CLUB PALM.—Dracaenas are largely used for massing with other plants on the lawn, or as single specimens. They are of the easiest culture, fast growers and require no special care.

D. Indivisa.—Has narrow, long and pendulous leaves. Is particularly fine for hall or porch decoration. Per packet 5c

DIANTHUS. Chinese Pinks.—

—One of the most useful and desirable plants and for beauty and variety of colors and markings cannot be surpassed.

Double white, double spotted, double striped, white with red, double dwarf pink, double dwarf dark blood-red. Separate colors or mixed. (See illustration page 42.) Per packet 5c

HEDDIWIGGI ANNUAL PINKS. Eastern Queen.—Beautiful marbled; single.

Crimson Belle.—Is of rich, vivid crimson color, single.

Double Striped.—White striped with carmine.

Double Dwarf Pink.—

Double Dwarf White.—

Laciniatus fl. pl.—Double giant-flowering, beautifully colored Pinks; fringed flowers.

Separate colors and mixed. Per packet 5c

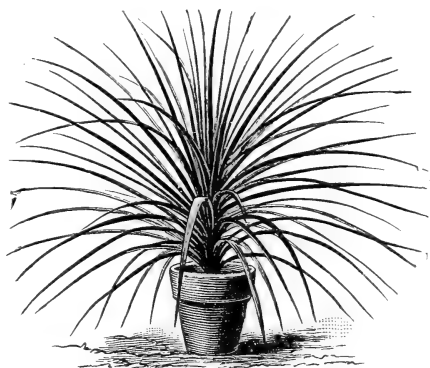
Hardy Perennial Pinks. Plumarius Fl. Pleno.—Double, large-flowering Pheasant's Eye Pink, with fringed edges, of various colors, mixed. Per packet 5c

EVERLASTING FLOWERS.

AMMOBIUM.—A favorite everlasting with white flowers; cut before fully open. Per packet 5c

Globe Amaranth. Gomphrena Globosa.—Large cloverlike heads of flowers. Per packet 5c.

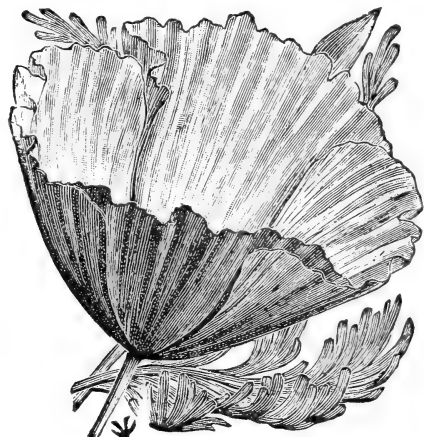
Helichrisum.—Showy summer blooming plants, flowers large and double; in shades of white, yellow, crimson, etc. Per packet 5c



DRACAENA.

ESCHSCHOLTZIA OR CALIFORNIA POPPY.

New California Poppy.—"Rosy Morn."—A distinct new shade, producing flowers of a form hitherto unknown in the Eschscholtzia species. The rosy white petals are delicately channelled or fluted with tiny folds radiating from the center and richly adorned with a soft primrose yellow hue, enhancing the beauty of this charming flower. Per packet 5c



ROSY MORN.

Bush Eschscholtzia or Hunnemannia.—The plants grow into a shrubby bush, 2 feet high, and produce large cup-shaped flowers 3 inches across on stems 12 inches long. The color is of clear, bright yellow, the petals are broad and crinkled, like crushed satin. The flowers keep in water for two weeks.

Per packet 5c



HUNNEMANNIA.

Eschscholtzia or **California Poppy**.—Richly colored flowers, leaves finely cut; ten or twelve inches high, very showy. *Bright Yellow, Double White, Pink, Striped, Deep Orange, Carmine.* Per packet 5c

FEVERFEW (*Pyrethrum*).—This family contains the well-known "Golden Feather," a low growing plant with yellow foliage for ribbons, beds and edgings.

Yellow Curled Foliage.—

Matricaria-Double White Flowers.—

Per packet 5c

Forget-Me-Not. *Myosotis*.—Succeed best in a damp, shaded situation, but will thrive well in any garden soil. Height six inches.

Palustris Semperflorens.—(Ever-flowering.) Blooms continually from spring to fall.

Per packet 5c

Dissitiflora.—Large sky-blue flowers; very early.

Per packet 5c

Victoria.—Grows perfectly round in shape; covered with large umbel-shaped flowers of azure blue, remaining in bloom a long time.

Per packet 5c.

Four O'clock. Large growing, shrublike plants with funnel-shaped flowers of many colors. They derive their name from their curious habit of expanding in the afternoon. Height, two feet. **Many Varieties Mixed.**

Per packet 5c



GAILLARDIA LORENZIANA.

pink, center spotted dark red.

The Bride.—White, crimson center.

Whitnyi.—Splendid white with dark red tops.

GAILLARDIA. Exceedingly showy; produces large flowers of scarlet, white and yellow, borne freely throughout the summer

Amblyodon.—Carmine with dark center.

Lanceolata.—

Yellow and brown. **Lorenziana**.—Double varieties mixed.

Picta.—Red, with narrow yellow border. **Picta Fistulosa**.

—Quilled.

Josephus.—Beautiful, large flower with broad yellow border.

Marginata.—Red, with narrow white border. Mixed.

Per packet 5c

GODETIA. Desirable garden flowers; very free blooming; succeed in any soil.

Bijou.—Splendid white with dark red spots.

Brilliant.—

Bright scarlet.

Dark Bloodred.

Duchess of Albany.—

Glossy satiny white.

Lady Albemarle.—Large carmine crimson; edges of petals suffused with pale lilac.

Lady Satin Rose.—Brilliant rosy-pink, the surface shining like satin.

Princess Henry.—Pink with large carmine spots.

Princess of Wales.—Bright red.

Rosea Alba.—

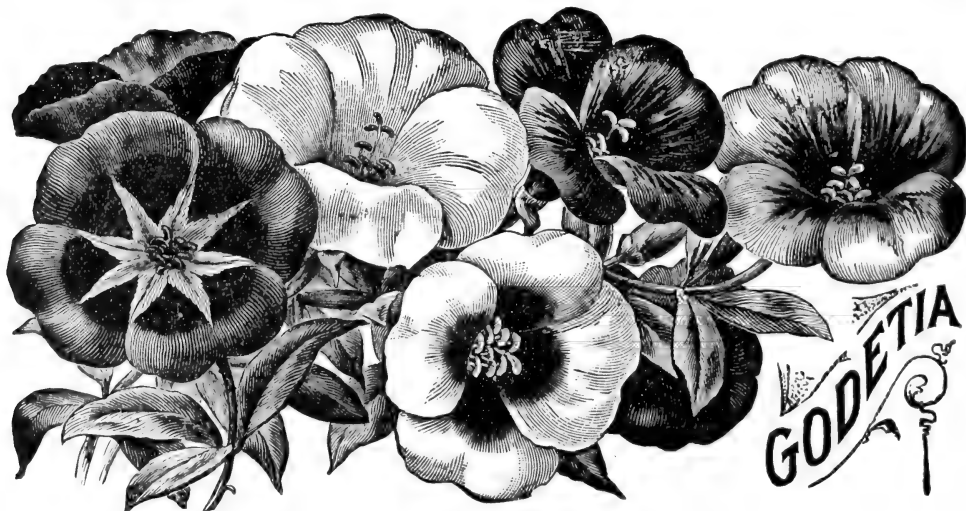
Dwarf white and pink.

Rubicunda Splendens.—Bright

Weisse Perle.—Pure white.

Mixed.—

Per packet 5c



GLOXINIA. A magnificent class of house-blooming, bulbous plants, with handsome bell-shaped flowers in a diversity of the richest colors. Our mixture contains the finest strains and will produce the most beautiful flowers. Per packet 25c

HELIANTHUS (Sunflower.) *Nanus fl. pl. Dwarf Double Yellow.*—A dwarf variety, flowers very double, rich and golden yellow. Excellent cut flowers. Per packet 5c

Stella.—Well branched and bushy and attains a height of about three feet. Covered with finely formed flowers, about three inches across, of golden yellow, with black disc, and borne on long stems, which rise well above foliage. Per packet 5c

Helianthus Cucumerifolius "Orion."—A sport of "Stella." It has all the good qualities of "Stella," but the petals of the flower are twisted, so that it reminds one of the flower of a yellow colored single Cactus-Dahlia. Per packet 5c

HIBISCUS AFRICANUS.—A branching plant of the easiest culture, with rather pretty foliage and large exceedingly showy cream colored blossoms, purple in the center; two feet high. Per packet 5c

HOLLYHOCK. (*Althæa Rosea.*)—An old fashioned favorite, which should be sown in June or July to have flowering plants the next summer, or if sown in the house early in spring they will bloom the first year. Height, four to six feet. Good Mixed. Per packet 5c

Chater's Prize. Seed saved from the finest English strain; will produce extremely large and double flowers. Pure white, yellow crimson, scarlet, pink, cherry, and white. Per packet 15c

Charter's Best Mixed.— Per packet 10c

HELIOTROPE.—Deliciously fragrant flowering plants, great favorites for pot culture in winter or bedding out in summer; large umbels of purple, lilac or white flowers are continually borne. Finest mixed. Per packet 5c

ICE PLANT.—Suitable for rock work, hanging baskets, etc., foliage thick and fleshy and of a frosted wax-like appearance.

Crystallinum.—Pink flowers.

Per packet 5c

Tricolor.—Three-colored.

Per packet 5c.

LARKSPUR. Very showy plants with pretty flower spikes; free bloomers; should be sown in fall or early in spring.

Double Dwarf Hyacinth Flowered.—Finest Mixed; 1½ feet. Pkt 5c

Perennial Larkspur.—These are valuable plants for the permanent bed or border, furnishing an ample supply of flowers.

New Chinese Larkspur.—A perennial plant of great beauty. The plants produce a great number of handsome blue flowers on wiry stems. Being a hardy perennial, the plants increase in size with age. Per packet 5c

Grandiflorum Flore Pleno.—Flowers large and double. A splendid cut-flower and ornamental plant. Many shades of color in finest mixture. Per packet 5c

Linum, Flowering Flax.—Scarlet; very attractive bedding plants. Per packet 5c



HELIOTROPE.

LOBELIA. A dwarf plant with delicate, graceful foliage and pretty fine flowers. Of value chiefly for hanging baskets and border work.

Erinus Gracilis.—Best for hanging baskets. Per packet 5c

Erinus Erecta Speciosa.—(*Emperor William.*)—Dark blue, white eye. Dwarf. Per packet 5c

CRYSTAL PALACE. (*Compacta.*)—Deep blue, dark foliage, fine bedder, 6 inches— Per packet 5c

LUPINUS. (*Sun Dials.*)—Disirable bedding plants with long, graceful flower spikes, bearing richly-colored pea-shaped flowers.

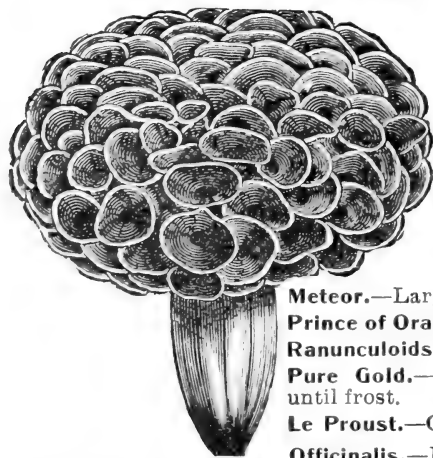
Dwarf Sorts.—Choice mixture. Per packet 5c

MIMOSA. **Sensitive Plant.**—A most interesting little plant, being so sensitive that a touch from the hand will instantly cause the leaves to fold up. When the hand is removed they will unfold again in a few moments. Small pink flowers. Per packet 5c

MIMULUS. **Moshatius.** (*Musk Plant.*)—The thin, delicate leaves emit a delicate musk odor. Per packet 5c



LOBELIA.



MARIGOLD, deep scarlet.

MARIGOLD. Tagetes.—A class of showy and extremely effective flowers of rich and beautiful colors

- Fistulosa.**—Sulphur yellow quilled. Per packet 5c
Faviflora.—Brown. Per packet 5c
Striata.—Double Striped. Per packet 5c
Gold Striped, Dwarf. Maroon tipped gold. Packet 5c

CALENDULA. Pot Marigold.

- Pongei fl. pl.**—Double white. Per packet 5c
Meteor.—Large double yellow flowers, striped with orange. Packet 5c
Prince of Orange.—Similar to "Meteor," but much darker. Packet 5c
Ranunculoids fl. pl.—Double orange. Per packet 5c
Pure Gold.—Pure golden yellow; large double flowers, borne profusely until frost. Per packet 5c
Le Proust.—Orange yellow, very double. Per packet 5c
Officinalis.—Large flowering, extra double; Per packet 5c
 deep scarlet.

MIGNONETTE. (*Reseda Odorata*).—A well known annual, with spikes of deliciously fragrant flowers. Indispensable in every garden.

- Golden Queen.**—Dwarf; golden yellow spikes. Per packet 5c
Odorata.—Sweet scented. Per packet 5c
Odorata Grandiflora.—Very large flowered. Packet 5c, ounce 15c

Machet.—Undoubtedly the best Mignonette yet sent out. The dwarf and vigorous plants are of pyramidal growth, producing very thick, stout flower stalks, throwing up numerous dark green leaves, which terminate in long, broad spikes of deliciously scented red flowers. It is the best sort for pot culture. Per ounce 50c, packet 10c

Goliath.—Giant trusses of flowers of pure bright red color. Compact growth, rich green foliage. Excellent for cutting or pot plants. Per packet 10c

New Mignonette Machet "Ruby."—A variety of Machet Mignonette showing the same compact habit of growth as the older sort, while its large, extremely thick flower spikes are of bright copper-scarlet color, such as has never yet been produced in any other existing Mignonette. Per packet 10c

Allen's Defiance.—Full, round spikes of great length; very fragrant and fine for cutting. Per packet 5c



MIGNONETTE "GOLIATH."

NASTURTIUMS. The dwarf varieties of Nasturtiums are among the most useful and beautiful of annuals for bedding, massing, etc., owing to their compact growth, richness of color and profusion of bloom.

TROPHAEOLUM. The tall sorts are admirably adapted for rock work. They flower most profusely when planted in poor soil, and remain in bloom a long time; stand heat and drought without the slightest effect. The seed, if picked young is an excellent substitute for capers

Dwarf Varieties.

Aurora.—Deep chrome yellow, the two lower petals blotched and veined carmine.

Atrococcineum.—Deep scarlet, very pretty.

Beauty.—Canary, splashed scarlet.

Crystal Palace Gem.—Sulphur yellow with maroon spots.

Cattel's Crimson.—Deep crimson.

Dwarf Nasturtium "Chamaeleon."—This strain is remarkably dwarf. Its flowers present many attractive colors and markings and are carried well above the foliage. The same general description applies to this as well as to the tall variety.

Per packet 5c, ounce 20c

Empress of India.—Splendid variety, with very dark leaves and crimson flowers.

Golden King.—Brilliant yellow, dark foliage.

King Theodor.—Dark green foliage, flowers velvety, almost black.

King of Tom Thumbs.—Intense scarlet flowers and dark foliage.

Prince Henry.—Beautiful golden-yellow, spotted and marbled with brilliant scarlet, which in combination with the dark green foliage presents a striking appearance.

Pearl.—Creamy white.

Roseum.—Pink.

Spotted King.—Yellow splashed with brown; very handsome.

Dallwig's Special Mixture of Dwarf Nasturtiums.

All the above named sorts in even mixture, put up by ourselves; will furnish the most beautiful bed. Per packet 5c, ounce 15c, ¼ pound 40c

CLIMBING NASTURTIUMS.

Brilliant Fulgens.—Dark scarlet with dark green leaves.

Coccineum Multiflorum.—Scarlet.

Crown Prince of Prussia.—Brilliant dark blood red.

Flammulum Grandiflorum.—Scarlet, splashed with yellow.

Tall Nasturtium "Chameleon."—It is unique in bearing flowers of quite distinct colorings on one and the same plant—some clear, deep crimson, others blotched on light ground and others beautifully mottled. The tall variety, with its very large rich flowers in the greatest variety, is unsurpassed for training over fences and trellises, and blooms with the greatest freedom the entire season. Per packet 5c, ounce 20c

Hookeri.—Dark yellow, spotted brown.

New Climbing Nasturtium, Mad. Gunther's Hybrids.

—For richness and variety of colors these new hybrids have no equals among Nasturtiums. There are shades of rose, salmon, brightest red, pale yellow, either as self-colors or spotted and striped. The foliage is mostly dark and contrasts very effectively with the rich colors. They are climbers and free and continuous bloomers. It is impossible to describe all the different colors. It contains a great many colors that are not found in any other mixtures. Per packet 5c, ounce 15c

King of Blacks.—Almost black.

Lucifer.—Deep scarlet with dark foliage.

Mercier Lacombe.—Reddish-brown.

Spitfire.—Bright red.

Sulphureum.—Sulphur-yellow.

Triomphe D'Hyeres.—Bright scarlet.

Dallwig's Special Mixture of Tall Nasturtiums.



NASTURTIUMS, MAD. GUNTHER'S HYBRIDS.

All the above varieties in best mixture. No better offered anywhere. Per packet 5c, ounce 15c, $\frac{1}{4}$ pound 40c

NICOTIANA. Affinis.—An annual with sweet scented, pure white, star-shaped flowers, three inches across, blooming continually. Per packet 5c

SYLVESTRIS.—Large clusters of long, slender, star-shaped, fragrant flowers of snowy whiteness, pyramidal growth. Per packet 5c

NIGELLA. Free blooming plant with blue flowers and very graceful foliage; grows in any garden. Red, white, blue. Per packet 5c.

PANSY.

It is needless to say anything in praise of this universal favorite. Pansy seed is a specialty with us and we have not only the finest collection of varieties but also the very best seed of each variety.

Dallwig's Large Flowering Pansies.

While the Giant-Flowered Pansies are great favorites on account of the immense size of their flowers, Dallwig's Large-Flowering Pansies excel in their endless variety of color, combined with perfection of form and velvety texture and substance of their petals. This strain is from a specialist who has devoted his life to the improvement of these flowers; no better strain is to be had. It is impossible to describe them, as they embrace all colors and markings.

President Carnot.—(New.)—Ground color white; each petal almost covered with a deep rich velvety blotch of dark violet blue, leaving a broad white margin.

Dark Purplish.—Violet.

Dark Bloodred.—

Golden Gem.—Yellow.

Dark Purplish Violet, with white edge.

Quadricolor.—One of the prettiest; upper petals sky blue, edged with violet; lower petals spotted and marbled.

Auricula Colored.—

Azure Blue.

Baron von Rothschild.—With brown blotches.

Emperor Frederick.—(New.)—Dark purplish-red flaked with gold, bronze center and scarlet edge, shading into yellow.

Brownish Red.—

Snow-Queen.—

Cardinal.—

Fuerst Bismarck.—Bronze marbled.

Yellow with Center.

Striped.—Extra.

Gold Margined.—Most distinct.

Light Blue.—

Sky Blue edged White.

Emperor William.—Ultra-marine blue with dark center.

Victoria.—Bright red; new.

Mahogany Colors.

Meteor.—Brownish red.

Lord Beaconsfield.—Purple-violet with white; very effective.

King of Blacks.—

Dr. Faust.—Jet black with satiny gloss.

Purple Margined Gold.—**Rubra.**—Splendid reds.

Large Flowering Pansies. (Continued.)

Peacock.—Upper and lower petals royal purple, shot with peacock blue; coloring truly beautiful.

Violet Blue.— **Purple Margined White.**—

Violet with White Border. **White, Spotted Center.**—

Dallwig's Large Flowering in Splendid Mixture.

Per packet 5c, ounce \$1.25

GIANT PANSY.

The term "GIANT PANSIES" does not adequately describe these new strains, for aside from the enormous size which gives them their name, their colorings are simply superb and their form and substance perfect.

Giant Trimardeau Improved.—A greatly improved strain. Flowers of immense size and larger variety of colors than are generally offered under that name. We offer the following colors:—

Giant Emperor William.—Color splendid ultra-marine blue with purple-violet eye.

Giant Adonis.—Magnificent light blue with white centre.

Giant Auricula Colors.—Of especially good substance and beautiful shadings of copper and mahogany colors.

Giant Yellow with dark center.

Giant Striped.

Giant Golden Gem.—Clear golden yellow.

Giant White Ground, Marbled.

Giant King of Blacks.

Giant Snow Queen.—Pure white.

Giant Violet Blue.

Giant White, Spotted Center.

GIANT TRIMARDEAU IN BEST MIXTURE. All the above colors and shades.

Per packet 10c, ounce \$2.50

GIANT ODIER. Flowers large, spotted on each petal. Splendid mixture.

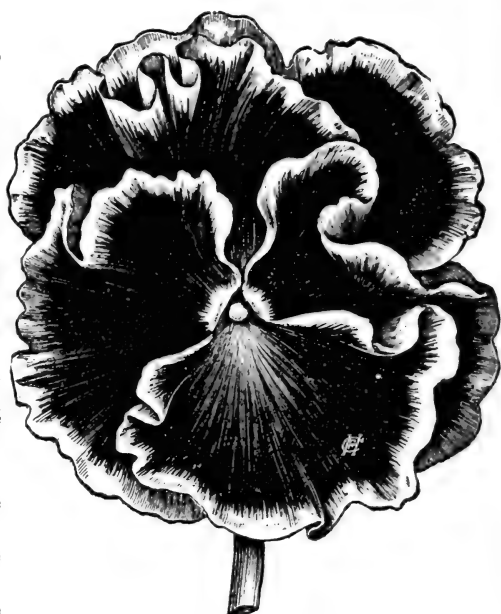
Per packet 10c, ounce \$4.00.

GIANT CASSIER.—This is a very fine mixture of Pansies with three or five blotches on rich backgrounds. The flowers are very large, round and borne on stiff stalks emerging from bushy, compact plants. This mixture contains a great many red shades.

Per packet 10c, ounce \$4.00

GIANT BUGNOT.—Flowers of enormous size and the most circular form; the petals are of great substance and velvety appearance, each one bearing a large, deeply colored blotch that runs out in delicate veins to the edge; the shadings are wonderfully rich and comprise tints of red, bronze and reddish brown that are not to be found in any other mixture.

Per packet 10c, ounce \$5.00



NEW PANSY "MASTERPIECE."



"Triumph of the Giants".—The plants of this novelty, which in every respect surpasses anything heretofore offered in Pansies, distinguish themselves by their robust, compact growth and enormous, five-spotted, perfectly round flowers of unusual substance. In most of the flowers the border of each petal is conspicuously undulated and curled. The beauty, brilliancy and richness of color are most striking; many rare and new tones of red and brown will be noted.

Per packet 15c

"Masterpiece."—The margin of each petal is conspicuously undulated and curled. The flowers are of extremely large size, borne well above the foliage on strong stems.

Per packet 15c

GIANT HORTENSIA.—New magnificent pink. Color of Hydrangia.

Per packet 15c

Dallwig's Giant Pansy Mixture.

This mixture comprises all of the above strains and varieties of Giant Pansies in most satisfactory proportion of colors.

Per packet 15c, 2 for 25c, ounce \$3.50



PANSIES—Triumph of the Giants.



DOUBLE FRINGED PETUNIAS.



NEW STAR PETUNIAS.

New French Collarette Dahlia



COLLARETTE DAHLIA

Pres. Viger.

An entirely new type of single Dahlias, which has produced a great sensation wherever shown. The peculiarity of the type lies in the development of the four stamens into short rays or petals at the base of the petal which form a frill or collar around the center. As the collar is entirely distinct in color from the rest of the flower, it is most unique and striking. Extremely profuse bloomer, starting with the earliest and continuing in full bloom until frost.

President Viger

Rich, deep blood-red, shading darker towards the base of the petals, with pure white collar, occasionally suffused with rosy carmine. The flowers are always perfect, with eight petals, and it is an extremely early and profuse bloomer. Strong roots. Each 40c, dozen \$4.00

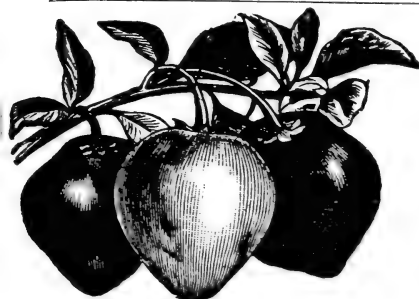
Orchid - Flowered Single Dahlias

20th Century

The most wonderful floral novelty ever introduced. It is impossible to correctly describe this exquisite Dahlia. It must be seen that one may fully appreciate its marvelous beauty. The flowers are very large, $4\frac{1}{2}$ to 6 inches in diameter. The color is intense rosy crimson, with white tips and white disc around the yellow center. As the season advances the dark-colored zone becomes lighter and the color contrast exquisitely lovely, and can be compared with no other flower than the beautiful orchid. The color of 20th Century does not fade or change like many other flowers, but it is a case where each succeeding flower opens lighter and lighter as the season advances. The deep-colored zone gradually becomes lighter until September, when it is a beautiful pure pink; toward October this zone becomes delicate pink, and in October the flowers are pure white, delicately suffused blush pink. Every week we really have a new flower. Strong roots. Each 40c, dozen \$4.00



TWENTIETH CENTURY DAHLIAS.



CELESTIAL PEPPER.

CHRISTMAS OR CELESTIAL PEPPER.—One of the very best introductions in berried plants. The plants are covered with bright colored cone-shaped fruit at Christmas. Per packet 10c

PERILLA. Handsome foliage plants, 18 inches high, with ornamental bronze red leaves, very effective for ribboning.

Nankinensis Atro. Laciniatis.—Deep mulberry foliage; edges finely cut. Per packet 5c

Nankinensis Macrophylla Compacta.—Finely cut, copper-brown foliage, with green background of metallic lustre; dwarf. Per packet 5c

PETUNIA.—For freedom of bloom, variety of colors, ease of culture and effectiveness these rank with the Asters, Phlox and Verbenas. If only a little care is bestowed upon them, Petunias will produce their handsome, sweet-scented flowers in their delicate and gorgeous colors throughout the whole summer.

Finest Hybrids, Mixed. Per packet 5c

Large Flowering, Single Petunias. Per packet 10c

" " " **Fringed.** Per packet 15c

" " " **Double Fringed.** Per packet 15c

New Star Petunia.—Ground color dark crimson maroon, with violet veinings. The star is a very light blue pink, some almost white, which deepens in color as it reaches the margin, and finally blends with the maroon ground color. Per packet 15c

PHLOX.—Invaluable for bedding, masses and cut flowers, bright colors, which vary from the purest snow white to the deepest blood red. There is no annual which can compare for beauty, duration of bloom, brilliancy of colors and usefulness to the Phlox.



PHLOX.

superior to the other Phloxes for ribbon bedding or borders. The plants grow very symmetrical in neat little bushes, about 8 inches high. Per packet 5c

Graf Gero.—Dwarf; adapted to pot culture. Florists' sort. Per packet 10c

Hardy Phlox.—They are perfectly hardy and need no protection; will grow in any soil, but succeed best in deep, rich, rather moist ground. Their handsome trusses of flowers are very showy and last a long time. Best large flowering, newest varieties mixed. (See plate XI.) Per packet 5c



PETUNIA.

Phlox Drummondii.—Many colors mixed. Packet 5c, ounce 50c

Large-Flowering Phlox.—Produce flowers twice the size of the common, with the most brilliant colors imaginable.

Alba.—Pure white; extra large. Per packet 5c, ounce \$1.00

Coccinea.—Bright red. Per packet 5c

Atropurpurea.—Deep red. Per packet 5c

Finest Mixed. Per packet 5c

Fimbriata. Fringed.—The petals are beautifully imbricated, giving the flower a regular starlike form, whose beauty is improved by broad, white margins. All colors. Per packet 5c

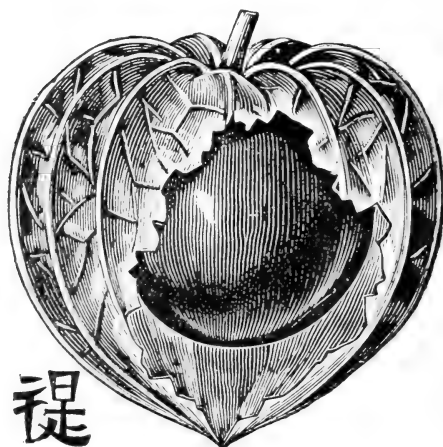
Star of Quedlinburg.—The center petals, which are five in number, are elongated from four to five times the length of the lateral ones. Distinct and star-like. Per packet 5c

Dwarf Phlox. (Phlox Drummondii Nana Compacta.)—These are much superior to the other Phloxes for ribbon bedding or borders. The plants grow very symmetrical in neat little bushes, about 8 inches high. Per packet 5c

PHLOX—
Star of
Quedlinburg

**Old-Fashioned
Hardy Flowers**

Were never more popular than
now. See our List in this
Catalog. :: :: :: :: ::



提

PHYSALIS.

Miss Sherwood.—Bears profusely large single flowers of a satiny white, upper half of corolla being a silky chamois rose; a combination of rare delicacy. Per packet 5c

Danebrog.—Fine single poppy, flowers scarlet, with white spot on the base of the petals. Packet 5c

DOUBLE.

Paeony Flowered Double.—Flowers in size and color equal to Paeonies.

Double Paeony Flowered.—Scarlet. Packet 5c

“ “ “—Pink. Packet 5c

“ “ “—Mixed. Packet 5c

Mikado.—Pure white at the back, the fringed edges brilliant scarlet. Per packet 5c

HARDY POPPIES.

Oriental Poppy.—Unequalled in brilliancy of colors. Flowers very large and range from soft flesh and rose to the most brilliant, dazzling scarlet and richest maroon purple. Perfectly hardy. Mixed. (See plate XI.) Per packet 5c

Oriental Poppy.—Scarlet. Per packet 5c

Iceland Poppy. (*Nudicaule*).—These Poppies are perfectly hardy and produce in endless profusion flowers which are most useful for cutting. They are of a very graceful, neat habit with slender stalks about 12 inches in height, surmounted by yellow, white, or orange-scarlet flowers. Per packet 5c

Dallwig's Special Poppy Mixture.—Comprises all the single and double annual Poppies described above, making a splendid color display. Per packet 5c

PHYSALIS. (Chinese Lantern Plant.) **Franchetti.**—An elegant ornamental variety of the Winter Cherry, forming dense bushes about 2 feet high, producing freely its bright orange-scarlet, lantern-like fruits, which are said to be superior to the Winter Cherry for cooking, preserving or eating raw, but it is as an ornamental plant that we think it will be most appreciated. A perennial, blooming year after year. (See cut). Per packet 5c

POPPY. Poppies are steadily regaining their old-time popularity. This is not strange when we consider how many new varieties have been introduced and how large a list of desirable kinds we now offer. Their brilliant dazzling colorings and wonderful variety make a very effective display in the garden or for cut flowers.

SINGLE.

Mephisto.—Striking scarlet color beautifully spotted with dark violet blotches. Per packet 5c

Shirley.—The colors of this Poppy are so varied that scarcely two will be found alike, ranging from white, rose and carmine to bright sparkling crimson. Per packet 5c



MISS SHERWOOD

Per packet 5c

See also **Eschscholtzia** or **California Poppy**, pages 41 and 42.

PORTULACCA.—

(*Moss Rose*).—For brilliant, beautiful and delicate flowers these lovely plants have no equal. Grows in a dry hot situation, where any other plant would soon die.

Single Mixed.—

Ounce 35c, packet 5c

Double Mixed.—

Per packet 10c



PORTULACCA.

PRIMROSE.—Chinese Primroses are lovely and useful little plants for pot culture, that bloom most freely during winter and spring. Sow in February or March in very fine light soil. Pot into small pots, shift two or three times during the summer and keep in a cool, moist, shady place and success is sure. Our Primula seed is from the best European growers. We furnish florists largely with our strain and it gives satisfaction to everybody.

Single, large flowering fringed Chinese.

Per packet 15c

Primula Obconica, New Large Flowering.—An everblooming Primrose which blooms during eight months of the year. Flowers borne on stems about nine inches high. If sown in March will bloom in June. It is one of the most useful pot plants for the window, and if planted out makes a very attractive border plant. White, lilac or mixed.

Per packet 10c

"BABY PRIM-ROSE." (*Primula*

Forbesi.—The illustration shows the great freedom with which it bears its flowers. They are of a delicate rose color and they keep fresh for a long time after cutting. The seed comes up very readily, and the little plants throw up tiny flower stalks when only a few weeks old. These, however, should be pinched off, and the plants kept growing for some weeks when the flowers may be allowed to develop, and from then on they produce their sprays of beautiful flowers in seemingly never ending profusion.

Per packet 10c

RICINUS. Known as "Castor Oil Plant" and "Palma Christi"; a rapid growing foliage plant with large palm-like leaves, much used for sub-tropical effect on the lawn, or for center beds of foliage plants.

Borboniensis.—Fifteen feet, immense green foliage.

Per packet 5c

Sanguineus.—A distinct variety with beautiful brownish red foliage and bright seed-pods; very effective. Height, six feet.

Per packet 5c

RICINUS—Plant and Seed.

Zanzibariensis.—Ten to fifteen feet high and the leaves measure about thirty inches across and in different plants range from bright green with green stems to deep bronze with dark red stems, all having a brilliant luster.

Per packet 5c

Rudbeckia Bicolor Superba.

One of the brightest and most showy plants. The plant is quite compact, and produces numerous long stems, laden with beautiful, large, yellow flowers, with brown center. Very valuable as a cut flower.

Per packet 5c

SNAPDRAGON.

(*Antirrhinum*.)—Beautiful spikes of colored flowers, produced all summer. We offer only the best varieties.

Tom Thumb.—Dwarf growing; one foot. Mixed colors.

Per packet 5c

Half High.—Mixed.

Per packet 5c

"Queen Victoria."—In this splendid new variety are combined elegant, finely cut foliage with unusually large flowers of a brilliant white, borne in great profusion, on long and graceful stalks; will furnish splendid material for bouquets.

Per packet 10c



BABY PRIMROSE.



CHINESE FRINGED PRIMROSE.

SALPIGLOSSIS.—The shape and size of the flowers somewhat similar to the *Petunia* and embraces a great variety of rich colors.

Fine Mixed, from named sorts.—

Per packet 5c

SALVIA. (*Flowering Sage*).—It is one of the most desirable plants for decorative purposes, if planted either singly, in groups, or with other plants. The flowers are of the most brilliant, dazzling scarlet, produced in endless profusion and until late in the fall.

Salvia Splendens.—Bright scarlet; large flowering; very fine.

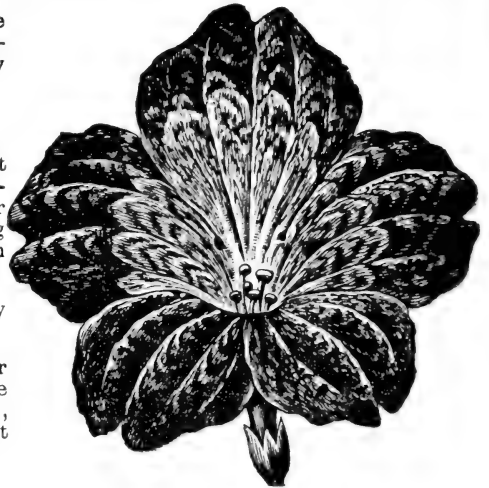
Per packet 5c

Salvia, Clara Bedman. (*Bonfire*).—Handsome globular bushes about 2 feet high by one foot in diameter. The spikes grow erect and stand clear above the foliage, completely covering the plant and are of a most brilliant dazzling scarlet.

Per packet 10c

Salvia Coccinea.—Deep crimson, dwarf.

Packet 5c



SALPIGLOSSIS.

Spotted Leaved Scarlet Salvia. (*Salvia Splendens*, "*Silverspot*").—The leaves are rich soft dark green, with light sulphur or cream colored spots of various size liberally sprinkled over them. The intense bright scarlet flowers are very large and the plants of neat compact habit of growth.

Per packet 10c

New Salvia Splendens, "LITTLE LORD FAUNTLE-ROY."—Foliage 10 inches from ground, the eight inch flower spikes standing erect above the dark-green leaves. The best for bedding.

Per packet 15c

SCABIOSA. (*Mourning Bride*).—Very useful and ornamental plants with rich and beautifully colored flowers, equally effective for beds or borders; excellent for cutting.

Nana Fl. Pl.—Dwarf, extremely double and valuable for bouquets. One foot. Mixed color.

Per packet 5c

COMPACTA.—Half-high.

Dark Brown,

Dark Brown with White,

Cherry, White,

Purple,
Mixed.

Cherry and White,

White and Lilac,

Lilac,

Per packet 5c

SNOWBALL SCABIOSA.—The flowers of this new Scabiosa are large

measuring fully 2 inches, in diameter, of purest white and very double. The stems are very strong and the foliage luxuriant. Fine for vases and bouquets.

Per packet 5c

SEDUM. Stonecrop.

—A useful dwarf plant for rockwork baskets. Flowers star-shaped. Mixed. Per packet 5c

SILENE. Catchfly.—

Bedding plants of dwarf growth and covered with bright, red-colored flowers. Height, one foot.

SWEET WILLIAM.—The Sweet Williams are generally sown in August or September, but may also be sown in the spring.

Large Flowering.—Single Mixed.

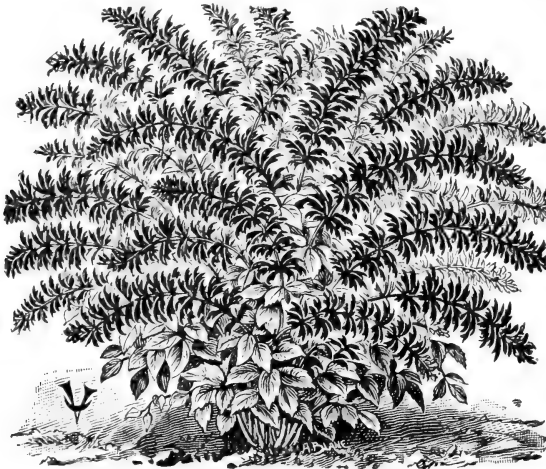
Per packet 5c

"

"

Double "

Per packet 5c



SALVIA SPLENDENS.



SWEET WILLIAM.



SCABIOSA.

Per packet 5c

SWEET PEAS.

Everyone who Cultivates Flowers Should Plant Sweet Peas. Our List Includes all of the Best Varieties Both Old and New.

FOREMOST IN EASE OF CULTURE. MOST VARIED IN BOUNTEOUS TINTS. FRAGRANT AS ANY FLOWER.

The Sweet Pea is one of the most popular flowers in cultivation and numbers among its enthusiastic admirers thousands of skilled cultivators. It is a free flowering climber and considered one of the best annuals that enrich the flower garden. Early in spring make a trench about six inches deep in rich, mellow, but not light soil, so arranged that no water can stand in it, and plant the seed in the bottom, taking care not to cover it more than two inches. When the plants are about five inches high, fill up the trench and furnish some support for the vines to run upon. The flowers should be picked before they form pods, or the plants will soon stop flowering.



Blanche Burpee.—Pure white, large. Per ounce 10c

Emily Henderson.—A fine pure white, early and free flowering. Per ounce 8c

Mont Blanc.—Large pure white. Valuable for forcing. Oz. 15c

The Bride.—Large pure white. Per ounce 10c

Josephine White.—Like Emily Henderson, but earlier and longer stemmed. A most profitable sort for growing under glass. Per ounce 15c

Stella Morse.—Primrose, tinged blush. Per ounce 10c

Primrose.—Pale primrose-yellow color. Per ounce 8c

Hon. F. Bouverle.—The finest of all soft pinks. Pinkish-salmon at base, shading lighter at edges. Per ounce 10c

Katherine Tracy.—Brilliant pink. Very large and graceful flowers. Per ounce 10c

Prima Donna.—A beautiful shade of light blush pink. A large perfect flower. Takes first place among pinks. Per ounce 10c

Lovely.—A shade deeper than *Prima Donna*. The most beautiful soft shell-pink. Grand flowers of large size. Per ounce 10c

Pink Friar.—Soft carmine rose on a crystalline white ground. Per ounce 10c

Blushing Beauty.—Extra large; rich soft pink. Per ounce 8c

Mrs. Dugdale.—Crimson rose, suffused primrose. Ounce 10c

Lady Penzance.—Rare tint of delicate rose, large and well formed. The silken thread-like lacing adding to their elegance. Per ounce 10c

Coccinea.—Beautiful, brilliant cerise. Per ounce 15c

Salopian.—Large size, rich, deep, glowing crimson tinged with orange scarlet. Per ounce 10c

Brilliant.—Rich bright scarlet. As intense as Firefly and slightly larger. Per ounce 10c

Firefly.—Standard fiery scarlet, wings crimson scarlet, very large. Per ounce 10c

"Navy Blue."—The only Sweet Pea that is of a true blue color. General color-effect dark blue; standards brilliant royal purple; wings pure violet; the whole flower elegantly veined in sharp relief. Per ounce 15c

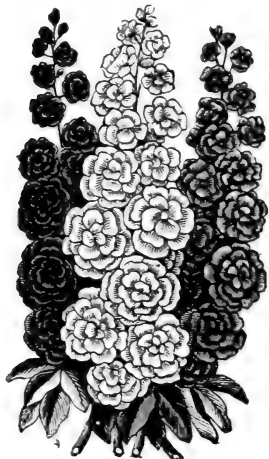
SWEET PEAS.

Continued.

Captain of the Blues.—Vigorous, a fine bloomer, large flowering. Oz. 10c**New Countess.**—Pale lavender; pure. Per ounce 10c**Lady Nina Balfour.**—A delicate mauve. Its texture throughout is very fine, even-grained. Without luster, giving it that soft, "quiet" effect which is so pleasing a contrast to the brilliant and glossy shadings. Per ounce 10c**Lady Grisel Hamilton.**—*New.* Most attractive light lavender standard, with azure-blue wings; *extra large in size.* Larger and superior to the famous "New Countess." The wings are of a lighter shade, which gives it even a dainties character. Per packet 5c, ounce 15c**Gorgeous.**—Standard bright orange, wings bright orange rose. Very bright and showy. Ounce 15c**Dorothy Tennant.**—A rich shade of rosy mauve. Flowers of large size. Per ounce 10c**Shazahda.**—Standard strong purplish maroon without luster, veined in deep relief. Wings a velvety indigo-purple. Per ounce 10c**BLENDS.****Countess Cadogan.**—Reddish mauve standard; wings violet blue. Per ounce 10c**Venus.**—Delicate. A mingling of pink, salmon and rose-bluff, difficult to describe faithfully. Per ounce 8c**Lemon Queen.**—Blush pink and lemon. Oz. 8c**Apple Blossom.**—Standards flaked and suffused with a delicate rose; wings lightly blushed. Per ounce 8c**Orange Prince.**—Bright orange-pink, flushed scarlet; wings rich rose veined with pink. Per ounce 8c**Lottie Eckford.**—Suffused and narrowly edged with lavender on white ground. Oz. 10c**Butterfly.**—Edged like Lottie Eckford, but showing less tint in standard and wings. Ounce 8c**Fairy Queen.**—Penciled effect. White with fine lines of carmine on the standard. Per ounce 8c**CONTRASTING SHADES.****Earliest of All.**—Blossoms like Extra Early Blanche Ferry, but earlier. Per ounce 10c**Extra Early Blanche Ferry.**—Of greatest value for cut flowers, being 10 days earlier, dwarfer and a more prolific bloomer than the original Blanche Ferry. Deep rose pink, with white wings. Oz. 10c**Blanche Ferry.**—Very striking, pink and white. Per ounce 8c**VARIEGATED SORTS.****Aurora.**—Rich bright orange stripes and flakings on a white ground. Per ounce 10c**Gaiety.**—Bright and lively stripes of rosy lilac on white ground. Per ounce 10c**Ramona.**—Creamy white, daintily splashed with pale pink. Per ounce 10c**Gray Friar.**—Speckled effect. A light watered purple on white ground. General effect gray,

and with its fine speckled "pepper and salt" variations certainly odd and attractive. Oz. 10c

Daybreak.—Delicate veinings of bright scarlet-lake and carmine finely woven into narrow, wavy rays on white ground. Per ounce 10c**Columbia.**—A tricolored variegated variety, odd and attractive in its markings. Standards crimson-rose striped on white ground, wings pale bluish-mauve, striped on white ground Oz. 10c**All Above Varieties 5 Cents Per Packet.****Choice Mixed.**—Per ounce 5c, $\frac{1}{2}$ pound 15c, pound 50c**Extra Choice Mixed.**—Put up by ourselves. All first-class colors of grandiflora type in royal mixture. Per packet 5c, ounce 8c, $\frac{1}{2}$ pound 20c, pound 60c**"Dallwigs Best Mixed."**—This mixture of Sweet Peas in **undoubtedly the finest ever offered.** It contains only the best named varieties of the large flowering type. The seed of each has been grown separately and only the *largest-flowered, most beautiful Sweet Peas* have been selected and mixed by ourselves. We can assure all lovers of Sweet Peas that in no other blend is it possible to obtain "**only the best**" and **all the best** of the new large-flowering Sweet Peas as in this **unequalled mixture, "Dallwig's Best."**Per packet 5c, ounce 10c, $\frac{1}{2}$ pound 25c, pound 75c**CUPID SWEET PEAS.**—The plant does not grow over six to eight inches high nor cover a space of more than fifteen inches across. Well adapted for borders and for bedding. They are wonderfully free bloomers and will be found very valuable for cutting, each of the flowers on one stem coming to bloom at the same time. Makes a most attractive pot-plant.**White Cupid.**—Flowers pure white; height eight inches; habit spreading. Too well known to need description. Per ounce 10c**Pink Cupid.**—A actual departure from the tall Blanche Ferry. In habit strictly a Cupid, growing six to eight inches in height, from *three to four handsome blossoms*, all borne close to the end of the stem. The standard is a bright rose-pink, while the wings are pure white or light pink. Per ounce 15c**STOCKS.** These are among the best and most popular of the garden favorites. In brilliancy of color and general effect they are unsurpassed.**Largest Flowering Wallflower—Leaved.** Dark blood-red, white, canary, carmine, porcelain-blue. Per packet 5c**New Large-Flowered Pyramidal Stock, "PRINCESS MAY."**—(*Wallflower-Leaved.*) Flowers large, fine double, *pure yellow.* Forms a compact pyramid, bearing flowers of one and one-half inches across. Highly recommended. (See illustration page 53.) Per packet 10c



STOCKS.

its dazzling brilliancy of flower; of very neat habit, a constant bloomer.

Pure White, Scarlet, Dark Blue, Blue with White Eye, Striped, Dark Bloodred, Auricula Flowered, large umbels of white-eyed flowers. Defiance, Rich Scarlet, Mixed Colors.

Dwarf Defiance.—Bright scarlet. Per ounce \$1.25, packet 5c
Per packet 10c

Dwarf Bloodred.— Per packet 10c

Mammoth.—Extra large-flowering in splendid mixture. Seed saved from perfect flowers only. Packet 10c

VINCA.—Ornamental free-blooming plants; seed must be sown early and then the plants will bloom the first summer. They can be taken up in the fall like Chrysanthemums, potted and kept in bloom throughout the winter. Mixed colors. Per packet 5c

VIOLA. Violet.—There is probably no plant that can equal the Sweet Violet for delicate and delicious fragrance. It always has been and always will be a prime favorite. Unsurpassed for planting in borders

where the situation is rather moist and shady. They bloom freely and give unending delight with their beauty and fragrance.

Semperflorens Blue.—Everblooming, sweet scented.

Per packet 5c

The Czar.—Large flowering, blue.

Per packet 5c

Wall Flower. The conspicuous spikes of the double German varieties have a charming effect while the more bushy, compact growth and profuse blooming of the single ones render them exceedingly attractive. Half hardy perennials.

Finest Double.—Two feet. Yellow and brown.

Per packet 5c

Single Mixed.

Per packet 5c

ZEJA JAPONICA.—A variety of corn with ornamental foliage; leaves green and white. Half hardy annual; six feet high. Pkt. 5c

Dahlias. Within the last few years there has been a wonderful revival of interest in the Dahlia. We have carefully revised our list with a view of selecting the best of the newer varieties as respects free and continuous qualities, purity of color and perfection of form. We list the best varieties on pages 57 and 58.



STOCK PRINCESS MAY.



VERBENA.



ZINNIA.

ZINNIA. Very showy plants of branching habit, with very fine double, brilliant colored flowers.

White, Crimson, Yellow, Scarlet, Pink, Mixed. Per packet 5c

Dwarf Orange-Red.—For bedding, very pretty. Per packet 5c

Mixed Flower Seed. This contains many desirable varieties, and is well adapted for use by woodland walks, and naturalizing purposes, as well as general garden work. Per packet 5c

RUNNING VINES. SEED.

BALLOON VINE. Remarkable for its inflated membranous capsules; sometimes called 'Love-in-a-Puff.' A rapid and gracefull climber. Flowers white. Per packet 5c

Canary Bird Flower.—One of the most charming climbers, bearing an abundance of bright yellow fringed flowers. Ten feet. Per packet 5c

COBAEA.—A rapid growing climber, sometimes attains the height of thirty feet in a season. Flowers first green changing to a deep blue-violet. To prevent it from rotting place the seeds edgeway and cover slightly with light soil. Per packet 5c

CHARANTIA. (Balsam Pear.)—A rapid growing climber with very beautiful fruit, of a rich golden yellow color, which opens when ripe, disclosing the seeds encased in a carmine covering. The fruit, preserved in alcohol, makes a useful liniment. Per packet 5c

Dolichos or Hyacinth Bean. Of quick growth, the foliage dense and handsome, the flowers abundant and pretty, and the seed pods shining and of a purple-violet color. Red, white and purple. Per packet 5c

Gourds Ornamental. All of this climbing genus are of rapid growth and produce fruit of peculiar and varied form. Gooseberry.—Small, bright green.

CANARY BIRD
FLOWER

Snake.—**Pear Shaped.**—Green, striped with cream, Egg, Bottle Shaped, Apple, Orange, Small Onion Shaped, Small Pear Shaped Marbled, Smallest Green Striped Apple, Flattened Bottle. Mixed. Per packet 5c

IPOMOEA. Elegant twining plants, with handsome, showy flowers and beautiful foliage. Excellent for trellises, arbors, fences, etc.

Coccinea. (Star Ipomoea.)—Scarlet free flowering. Packet 5c

Quamoclit. Cypress Vine.—A favorite, well-known, climbing vine, with graceful, airy foliage and handsome flowers. Scarlet. Per packet 5c

Ipomoea Noctiflora. (True Moon Flower or Evening Glory.)—Magnificent climber, producing handsome dense foliage and a large number of clear white, very fragrant flowers. Start in the house and plant out after danger of frost is past. Per packet 5c

NEW JAPANESE HOP. It resembles in habit our common hop, but the foliage is more deeply cut, and very dense. An extremely rapid grower. Per packet 5c

Variegated Foliage.—Very beautiful variety. Easy to grow. Per packet 5c



COBAEA.

GARDENING BY CHILDREN

No occupation is as healthy, innocent or instructive to a child as a practical study of nature. No matter how small the space of ground the pleasure to a child of cultivating a little garden will always develop ambition, and the pleasure of observing the growth from the day the seed sprouts until the plants attain perfection is in itself a lesson which both young and old can appreciate. The good, wholesome benefit derived by the children must necessarily cultivate the mind, while at the same time amuse.

Heads of Institutions and School Managers would do well to cultivate in the minds of the children under their charge a love of nature and the beautiful.

Annual flowers such as Balsam, Mignonette, Four O'Clocks, China Pinks and Phlox are all easily raised and afford a showy display at small cost and little labor.

In Vegetable Seeds our selection is unexcelled.



JAPANESE MORNING GLORY

MORNING GLORY. Mixed.—

Per pound 50c, ounce 10c, packet 5c

Momordica Balsamina. (Balsam Apple.)—

Beautiful climbing plant with handsome apple-shaped fruit. Per packet 5c

Maurandia.—A climber having tube-shaped flowers which last until late in the fall. Ten feet.**Maurandia Barklayana.**—Blue. Mixed.— Per packet 5c**PASSION FLOWER.**—Handsome rapid climber, for greenhouse decorations and sunny positions in the open ground in summer.**Passiflora Coerulea.**—Slightly fragrant. Light blue.**SMILAX.**—This is the most useful greenhouse climber known; foliage small, glossy-green, flowers small, white, very fragrant. Eight to ten feet.**SCARLET RUNNER.**—Height six feet; cultivated for the beauty of its flowers and also as a useful vegetable. Per packet 5c**WILD CUCUMBER.**—Quickest climber for arbors, fences, etc. A well-known vine. Per ounce 10c, packet 5c**LOPHOSPERMUM SCANDENS.**—

Quick growing, graceful climber, excellent for use in hanging baskets, or in a shady situation. Flowers rosy purple.

Per packet 5c

MINA LOBATA.—One of the most beautiful climbing vines. The flowers appear an forklike racemes, rising almost erect out of the dense and luxuriant foliage; are as buds at first bright red, but change through orange yellow to yellowish-white when in full bloom. It is a very rapid growing climber, forming pyramids of over eighteen feet in height, most ornamental in appearance, the leaves being three lobed.

Per packet 10c

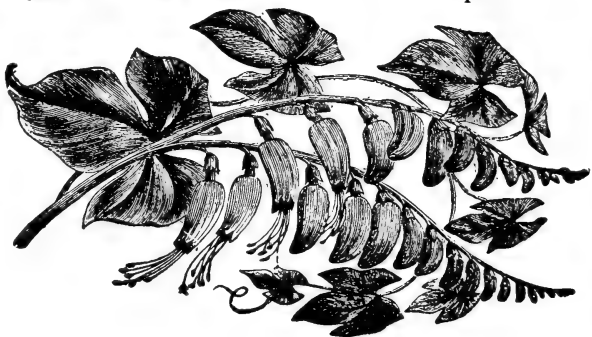
Imperial Japanese Morning Glory.—

The flowers are of exquisite beauty in form and coloring and of enormous size. The colors vary from pure white to rose, crimson and carmine, through blues and purples to almost black, some being mottled, striped, penciled and bordered in infinite variety and diversity. The foliage also is often prettily variegated.

Per packet 5c

Fancy Filled Japanese Morning Glories.—This mixture contains a finer and larger collection of colors with larger flowers, more frilled than the ordinary mixture.

Per packet 10c



MINA LOBATA.

Per packet 5c

Per packet 5c

Per packet 5c

Per ounce 10c, packet 5c

VINES. There is no other class of plants that possesses quite so much grace and poetry as pretty trailing or climbing vines. It has been truly said that they are Nature's drapery. They add beauty and attractiveness to the plainest of dwellings, and should be lavishly trained over windows, porches and porticos, or wherever they will add finish and effect. The work should not be overdone, however, and should not be confined to the house alone. Outhouses, as barns, henneries, etc., may be attractively covered and much that is inartistic concealed.

Summer Flowering Bulbs.

AMARYLLIS FORMOSISSIMA.—Each of the five narrow petals of this flower are from three to four inches long and a very intense, rich scarlet color. Very easily grown.

Each 8c, dozen 75

Amaryllis Johnsonii.—Immense trumpet-shaped flowers, of rich deep velvety crimson, each petal having a broad white stripe contrasting beautifully with the deep red color. Giant bulbs.

Each 35c

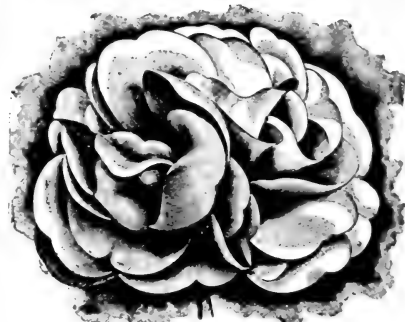
BEGONIAS, Tuberous-Rooted. Of late years these Begonias have been brought to great perfection. They make splendid beds on the lawn when given protection from the hot sun. *From the time the first flowers expand until frost puts a stop to further blooming, these plants are literally covered with flowers of the richest colors, embracing every shade of pure white, rose, pink, scarlet, yellow and orange. The flowers are much more brilliant than the most dazzling Geraniums.*

SINGLE, colors separate. White, scarlet, yellow, pink.

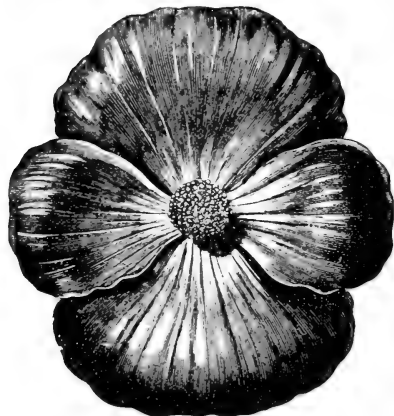
Each 7c, dozen 70c

DOUBLE, colors separate. White, yellow, scarlet, pink.

Each 10c, dozen \$1.00



BEGONIA. (Double.)



BEGONIA. (Single.)

CALADIUM ESCULENTUM. Known as elephants' ears. Enormous leaves. One of the finest tropical plants which can be grown in the open air in the North. It is of easy culture, the chief requisites being an unlimited supply of fertilizer and water. You cannot make the soil too rich or keep it too wet for this plant. Very effective for the flower border and for planting out upon the lawn, especially with Cannas or Castor Oil plants.

8c, 10c and 15c each.

CINNAMON VINE.—This charming climber forms a canopy of bright green leaves and delicate small white flowers, of most delightful cinnamon odor. Excellent for window ornaments or outdoor culture.

Each 5c

CANNAS. These very handsome tropical-looking plants are unrivaled for effects on the lawn; their large glossy green leaves, tinted with red, purple or bronze and showy spikes of flowers in various shades of red and yellow produce an effect seldom equaled.

FLORENCE VAUGHAN. *Four feet.*—This still continues to be the most perfectly formed

flower of the Canna family. Petals broad and well rounded, color brilliant golden-yellow, dotted with scarlet. No Canna bed is complete without this fine large flowered variety.

Each 10c, dozen \$1.00

Madam Crozy. *Four feet.*—Very large vermilion flowers bordered with gold. Its splendid coloring and rounded petals make this one of the most popular Cannas. Great bloomer.

Each 10c, dozen \$1.00

President McKinley. *Three feet.*—Color a scarlet. It is an early, constant and immensely profuse bloomer. Green foliage.

Each 10c, dozen \$1.00

Egandale.—*Four and one-half feet.* Purple foliage, strong, compact flower spikes, color currant-red. The finest bedding Canna of its color because of its harmony of leaf and flower, and because of its brilliancy it can be seen farthest.

Each 10c, dozen \$1.00

David Harum.—*Three to three one-half feet.* Dark bronze foliage. Flowers large with well-rounded petals. Color is a bright vermilion-scarlet, dotted with crimson spots.

Each 15c, dozen \$1.50

Chicago.—*Five feet green foliage.* The large flowers open out nearly flat. The color is a clear, deep vermilion, smooth and without markings, except a purplish gloss.

Each 10c, dozen 1.00



CANNA—Queen Charlotte.

SUMMER FLOWERING BULBS. CANNAS.

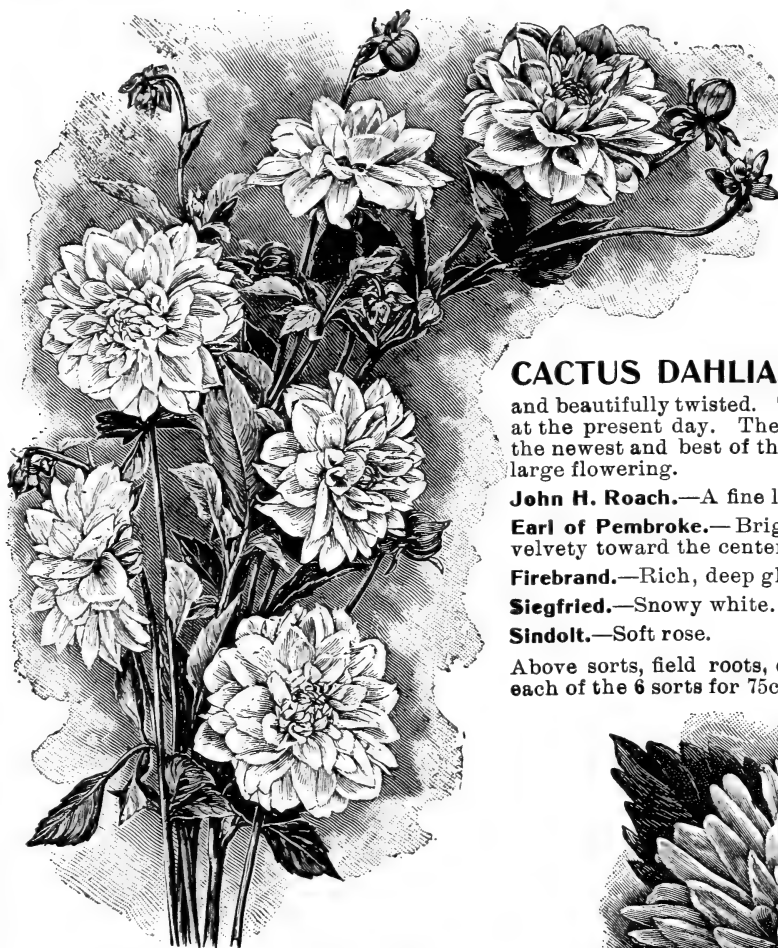
Chas. Henderson.—*Four feet.* Green foliage, crimson flowers, good bedder.
Each 10c, dozen \$1.00

Secretaire Chabanne.—*Four feet.* A vigorous grower, foliage of deep green; strong flower spikes; large flowers of a deep salmon color, smoothly shaded orange.
Each 10c, dozen \$1.00

QUEEN CHARLOTTE.—*Four feet.* Green foliage. A distinct flower, rich crimson scarlet, with wide gold border; a profuse bloomer; the flower spike which is full and well formed, stands well above the leaves.
Each 10c, dozen \$1.00

Burbank, Orchid-Flowering Canna.—*Five feet.* Green foliage. The flowers are truly gigantic in size, and the form is really semi-double. Toward the inner part the petals show fine crimson spots, all the rest of the flower is of a most beautiful, rich canary-yellow.
Each 10c, dozen \$1.00

Italia.—*Five feet.* Center a brilliant red, outer half of the circumference of each petal being a wide, irregular band of clear yellow.
Each 10c, per dozen \$1.00



DECORATIVE DAHLIA, NYMPHAEA.

DECORATIVE DAHLIAS.—These are the large flowering Dahlias with loose, open outline, in many cases irregular. They are especially valuable for decorative work, as they are strong, vigorous growers and can be cut on long stems.

Clifford W. Bruton.—The best yellow; of immense size, perfect form.

Grand Duke Alexis.—Pure white, distinctly tinged delicate pink.

John Elitch.—Deep, rich red.

Nymphaea.—Clear, distinct, light shrimp-pink, tinted lighter toward the center.

Perle d'Or. (*Perle de la tete d'Or.*)—The grandest white decorative Dahlia. Immense size, fine cut flower.
Field roots, each 15c, dozen \$1.50

DAHLIAS.—

The wonderful revival of interest in the Dahlia in the last few years, and which promise to continue for years to come, has led us to pay special attention to this plant with a view of selecting the best of the newer varieties as respects free and continuous flowering qualities, purity of color and perfection of form.

CACTUS DAHLIAS.—The petals of this class are very long, pointed and beautifully twisted. This type is the most popular at the present day. The varieties offered below are the newest and best of the new Cactus form and very large flowering.

John H. Roach.—A fine light yellow, of perfect form.

Earl of Pembroke.—Bright plum, deeper and more velvety toward the center.

Firebrand.—Rich, deep glowing vermillion.

Siegfried.—Snowy white.

Sindolt.—Soft rose.

Above sorts, field roots, each 15c, dozen \$1.50. One each of the 6 sorts for 75c



CACTUS DAHLIA.

SHOW DAHLIAS.—Of wonderful formation, with quilled, cupped and incurved petals. Valuable for vase and heavy decoration work.

STORM KING. (*Blizzard*).—Snow white, of perfect form. Fine for grouping and as a cut flower.

A. D. Livoni.—Beautiful soft pink, with quilled petals. **Client.**—Deep; velvety crimson.

Yellow Standard.—A fine, pure yellow. Field roots, each 15c, dozen \$1.50.

POMPON DAHLIAS *Little Beauty.*—Delicate shrimp-pink. **Snowclad.**—The finest white.

Sunshine.—Brilliant scarlet.

Field roots, each 15c, doz. 1.50.

SINGLE DAHLIAS.—Invaluable for cutting, being of bright colors, light and artistic, on long, graceful stems.

Cloth of Gold.—Large, light yellow.

Each 15c, dozen \$1.50

Lawrence Kramer. (*New*).—Flowers of perfect rounded form, borne on long, slender, wiry stems. The color is a deep, bright, rosy pink of the richest, brightest shade without tint or blemish. Strong roots.

Each 20c, dozen \$2.00

Snow Queen.—Best pure white.

Each 15c, dozen \$1.50

White Cross. *New.*—Soft rosy lake, with a pure white stripe running through the center of each petal.

Each 25c, dozen \$2.50

Wildfire. (*New*).—Clearest scarlet, very large and long stemmed. One of the best bloomers.

Each 20c, dozen \$2.00

One each of the above 5 Single Dahlias for 85c

NEW FRENCH COLLARETTE DAHLIA. **PRESIDENT VIGER.**—Rich, deep blood-red, shading darker toward the base of the petals, with pure white collar, occasionally suffused with rosy carmine. Strong roots, each 40c

New Orchid-Flowered Single Dahlias 20th Century.—Color intense rosy crimson with white tips and yellow center. A superbly beautiful and striking flower, four to six inches in diameter.

Strong roots, each 40c

One Collarette and one 20th Century Dahlia for 75c

DOUBLE DAHLIAS UNDER COLOR. **Red, Yellow, Pink, Purple, Red and White and Blended Shades.** All of the preceding colors, good, strong roots. Each 10c, dozen 1.00. Extra large roots, each 15c, dozen 1.50.

GLADIOLI.—The Gladiolus constitutes one of the finest features of the flower garden during the summer and autumn months. The flowers are almost of every desirable color, from the most intense scarlet to the purest white. Set the bulbs six inches apart, three inches deep.

SELECT NAMED GLADIOLI.

Angele.—White showy and effective.

Each 8c, dozen 75c

Augusta.—Lovely pure white, with blue anthers

Each 8c, dozen 80c

Brenchleyensis.—Intense fiery scarlet.

Dozen 20c, 100 \$1.25

Shakespeare.—Early, grand flower, white with carmine rose.

Each 8c, dozen 75c

Isaac Buchanan.—Very fine yellow.

Each 6c, dozen 60c

May.—Pure white flaked rosy crimson.

Each 5c, dozen 50c

John Bull.—White, tinged yellow, marked violet rose.

Each 5c, dozen 50c

Madam Monneret.—Delicate rose. Each 3c, doz. 30c

Napoleon III.—Scarlet, striped white. Each 3c, dozen 30c

Each 3c, dozen 30c

Eugene Scribe.—Tender rose, variegated.

Snow-White.—Each 10c, dozen \$1.00

GLADIOLUS IN MIXTURE.

Light and White.—Finest mixture of light shades and white, mostly from named sorts.

Each 3c; dozen 30c; 100, \$2.00

Pink Shades. Each 3c; dozen 25c; 100, \$1.50

Red and Scarlet. Each 3c; dozen 20c; 100, \$1.35

Striped and Variegated. Each 5c; dozen 50c

Superfine mixed. Per dozen 20c; 100, \$1.25

Good mixed. Per dozen 15c; 100, \$1.00

HYACINTHUS CANDICANS.

It can be used with excellent effect in the center of a bed of scarlet Gladiolus, as it comes into bloom about the same time. The flowers are bell-shaped and pendulous, pure white in color



AURATUM LILY. (Description next page.)

Ceres.—White spotted rose.

Each 6c, dozen 60c

and somewhat fragrant. The plant is hardy and grows stronger each year. Very useful along walls, fences and in beds. Each 5c, doz. 50c

GLOXINIAS. **New Giant Flowering Hybrids.** Beautiful house plants of dwarf habit and easy culture. Flowers are trumpet-shaped with beautiful markings.

Emperor Frederick.—Red, with a pure white border.

Mont Blanc.—Pure white.

Defiance.—Rich crimson-scarlet.

Emperor William.—Violet-blue, with white throat tinged and spotted; beautifully streaked and spotted. Each 10c, dozen \$1.00

HARDY LILIES. Lilies thrive best in a dry, rich soil. They should be planted deep. All Lilies offered below are hardy enough to stand the winter outdoors. It is well, however, to protect them with a covering or litter of straw.

THE THREE QUEENS. No flower garden is complete without these three grand Lilies. Their ease of culture, hardiness and freedom of bloom commend them to every flower lover.

RUBRUM. (*Crimson Banded.*)—The magnificent flowers are white, with a deep rosy or crimson band on each petal, with deeper colored spots between. They are five to six inches in diameter, very fragrant and have all the hardiness of the Speciosum class. The Bulbs succeed best when they remain undisturbed in the ground for several years.
First size each 15c, dozen \$1.50

AURATUM. (*The Gold-Banded Lily of Japan.*)—This peerless variety is without question the grandest of all the Lily family. The flowers are pure white, thickly studded with crimson spots, while through the center of each petal runs a clear golden band. Flowers measure from seven to ten inches across, produced abundantly; deliciously fragrant.
First size each 15c, dozen \$1.50

ALBUM. (*Speciosum.*)—Pure white, with beautiful recurved petals, very fragrant. This, with Rubrum belongs to the "Speciosum Section," which are distinct, graceful and free-blooming. They are hardy, needing very little protection, will grow and flower without special treatment; by far the best for general cultivation.
First size each 15c, dozen \$1.50

ELEGANS BICOLOR.—Bright red, flushed orange. Very showy and large.

Each 15c, 3 for 40, dozen \$1.50

Tigrinum.—Improved single Tiger Lily; perfectly hardy.

Each 8c, dozen 75c

Lily of the Valley.—No garden is complete without a few clumps of these fragrant flowers, which are such universal favorites as to need no description. Their glossy foliage and spikes of graceful white bells and their delicious perfume, are equally desirable for bouquets, pot culture in the house, or borders in the garden.
Clumps from 15c up.

Calla, Spotted Leaved.—The leaves of this Calla are dark green with white spots. Flowers are pure white with blue-black center and they are handsome in appearance. The bulbs grow and bloom freely in any soil as pot plants; in the garden they flower splendidly. Plant in May and dig up in fall.

Each 10c, 3 for 25c

MADEIRA VINE.—A rapid growing graceful vine, with smooth, waxy, dark green leaves and dainty racemes of tiny, fragrant, white flowers; will grow in almost any situation.
Each 5c, dozen 50c

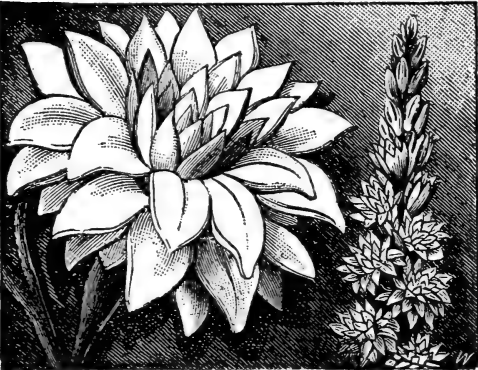
Double Pearl Tuberose.—This pure white, perfectly double, delightfully fragrant flower, invaluable for bouquets, is too well known to need any description.

Each 5c, dozen 40c

Armstrong's Everblooming Tuberose.

—A Tuberose that will bloom year after year; produces single flowers in profusion and of a fragrance similar to that of the "Jasmine."

Each 5c and 8c, dozen 50c and 75c



TUBEROSE.

Dutch or Holland Bulbs for Fall Planting.—Our importation of Dutch Bulbs has been made from one of the principal growers in Holland for a number of years past with the most satisfactory results. Fine heavy roots producing beautiful blooms, all true to name and color.

SEND FOR FALL CATALOGUE. READY SEPTEMBER 1st.

"Japanese Fern Ball."—The Ball is composed of the Japanese Island Fern Roots and Sphagnum Moss, and so constructed as to send out leaves of beautiful emerald green from every point. They grow rapidly, and make a handsome ornament for the home, conservatory or greenhouse.

DIRECTIONS FOR STARTING.—Place ball in water for 15 minutes and then suspend in any desired position; repeat every two days until growth is started, after which sprinkle occasionally as required. To use in fern dish, cut ball in halves, placing flat side down, thus getting two dishes of beautiful ferns. The fern ball may be allowed to dry up at any time and be set away, and started again by watering as before. These Fern Balls usually arrive from Japan about December.
Price, in dormant state, each 50c

About September 1st next we will issue our Annual Catalogue of CHOICE DUTCH BULBS AND SEEDS FOR FALL PLANTING. It will be sent free to all customers without ordering it, and to others who apply for it.



JAPANESE FERN BALL.

Hardy Perennial Plants.

The popularity of this class of plants, familiarly known as **Old-Fashioned Hardy Garden Flowers**, is not at all surprising when we consider the many varied and pleasant changes which take place throughout the entire growing season in a well-arranged hardy border. Prices are for extra-heavy field plants.

Achillea, The Pearl.—The flowers are borne in great profusion and are pure white.

Each 10c, dozen \$1.00

ANEMONE.

Japonica.—Bright purplish-rose with golden-yellow center.

Each 15c, dozen \$1.50

Whirlwind.—Pure white, semi-double.

Each 15c, dozen \$1.50

Queen Charlotte.—Semi-double pink.

Each 15c, dozen \$1.50

Acqueligea.—The favorite Columbine.

Each 15c, dozen \$1.50

Aster Alpinus Superbus.—Beautiful deep blue.

Each 15c, dozen \$1.50

Bellis Perennis.—Perennial Double Daisy. White, pink, red.

Each 5c, dozen 50c

Bocconia Cordata.—Creamy white terminal panicles

Each 15c, dozen \$1.50

Campanula.—Saucer-like blue flowers.

Each 10c, dozen \$1.00

Carnation.—Double.

Each 5c, dozen 50c

Coreopsis Lanceolata.—Bright golden yellow.

Each 10c, dozen \$1.00

Daisy Shasta.—Large, pure white flowers: perfectly hardy.

Each 15c, dozen \$1.50

Delphinium. (*Hardy Larkspur.*)—The long spikes of flowers are produced continuously from June until late in fall. In 10 fine varieties.

Each 15c, dozen \$1.50

Dianthus, Barbatus.—Sweet William.

Each 5c, dozen 50c

Dianthus Plumarius.—Pheasant's Eye Pink.

Each 5c, dozen 50c

Dielytra.—Bleeding Heart.

Each 10c, doz. \$1.00

Digitalis.—(*Foxglove.*) A wealth of bloom in June and July.

Each 12c, dozen \$1.20

Eulalia Japonica Variegata.—Ornamental grass striped green and white.

Each 15c, dozen \$1.50

Eulalia Japonica Zebrina.—Broad yellow bands across the leaf.

Each 15c, dozen \$1.50

Ferns, Hardy.—In variety.

Each 10c to 20c, dozen \$1.00 to \$2.00

Funkia Subcordata.—Pure white, lily shaped; fragrant.

Each 15c, dozen \$1.50

Gaillardia Grandiflora.—Petals vary from scarlet orange to crimson; center dark reddish-brown.

Each 10c, dozen \$1.00

Gypsophila Paniculata. (*Infants' Breath.*)—Small white flowers.

Each 15c, dozen \$1.50

Helianthus Multiflorus.—Dahlia Sunflower.

Each 10c, dozen \$1.00

Hesperis Matronalis.—Showy spikes of pink flowers.

Each 10c, dozen \$1.00

Hollyhocks. Few hardy plants combine as many good qualities as the Hollyhock. For planting in rows or groups on lawn, or for interspersing among shrubbery they are invaluable. Double white, pink, yellow and red.

Each 20c, dozen \$2.00

Iris Germanica. (*German Iris, Fleur de Lis.*)

Honorabilis.—Orange, lower petals brown.

Mme. Chereau.—Pearly-white, edged with lavender-blue.

Queen Emma.—A fine white.

Spectabills.—White, penciled blue.

Walneri.—Lilac, lower petals dark-blue. Strong clumps.

Each 15c, dozen \$1.50

JAPAN IRIS. These magnificent Iris are among the most beautiful of our summer-flowering plants, rivaling the Orchids in rich colorings and markings; many of the blooms measure 8 to 10 inches across. Our collection, imported from Japan, embraces 50 fine named sorts. We describe below 5 of the best. (See plate XI)

Hana-aoi.—Ultra-marine blue; golden yellow center.

Iso-no-nami.—Ground color of the three larger petals silvery-white, delicately veined and traced with violet, with golden-rayed centre, the three minor petals deep purple, edged with white, while the standards are violet, edged with white.

Koki-no-iro.—Bright mauve, veined with white in the centre, six large petals.

Kyodaisan.—Entirely distinct, with three large rosy-lilac petals, with deeper veins and standards, and golden bar in centre of each petal.

Yomo-no-umi. (*Boundless Sea.*)—Finest white, with six large petals, golden-starry centre; very choice.

Large, undivided field clumps.

Each 35c, dozen \$3.50

Smaller clumps.

Each 25c, dozen \$2.50

Lobelia Cardinalis.—Rich, fiery, cardinal flowers.

Each 12c, dozen 1.20

Lychnis Chalcadonica.—Large heads of vermilion scarlet flowers,

Each 10c, dozen \$1.00

PAEONIES. These showy, old-fashioned plants, with their immense, full double, satiny flowers in lovely shades of red, pink and white, are of such hardy and vigorous growth as to withstand our severe northern winters. Never attacked by insect, animal or fungus disease.

Double Red, Pink, White.—Large clumps.

Each 25c, dozen \$2.50

Extra large clumps. Each 35c, 3 for \$1.00

Officinalis Rubra Plena.—A splendid early blooming variety, bearing large deep crimson flowers; very fragrant.

Strong plants, 35c and 50c each. (See ill. plate XI.)

Tenuifolia.—Crimson flowers; fine, feathery foliage.

Each 25c.

Japanese Single Paeonies.—Large silky flowers in various colors.

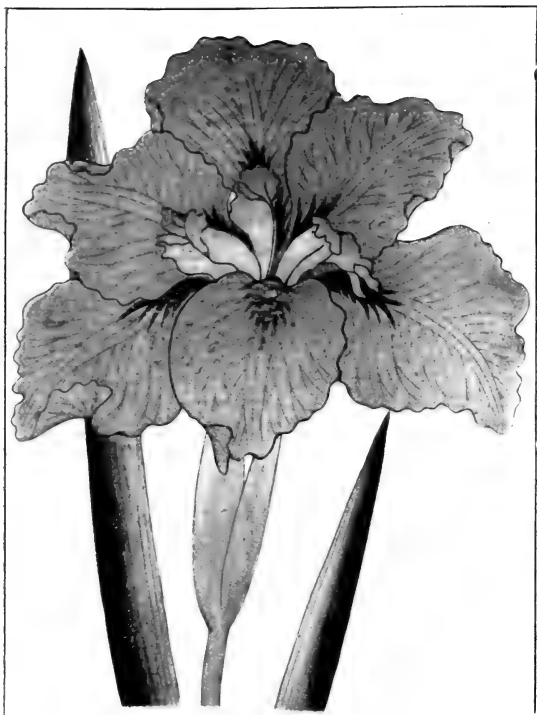
Each 35c

Hardy Phlox.

Amor—Pure pink.
Boule de Feu—Bright rosy crimson ...
Coquelicot—Scarlet, deep carmine eye
Eclairer—Purple-crimson.
Jeanne d'Arc—Pure white.
Esclairmonde.—Lilac suffused white,
rose eye.
Montaguard.—Pure crimson.

Each 20c

Doz. \$2.00



JAPAN IRIS.



PAEONY, OFFICINALIS RUBRA PLENA.



HARDY PHLOX.



ORIENTAL POPPY.



RUDBECKIA GOLDEN GLOW.

Hardy Phlox. Continued.**Mixed Colors.**—Each 10c, dozen \$1.00**Platycodon Grandiflora.**—Deep blue, cupped, star-shaped flowers. Each 15c, dozen \$1.50**Platycodon Mariesi.**—Deep-blue, bell-shaped, nearly 3 inches across. Each 15c, dozen \$1.50**Poppy.**—Oriental. (See plate XI) Ea. 15c, doz. \$1.50

" —Iceland. Each 15c, dozen \$1.50

Rudbeckia Purpurea.—(Purple Cone Flower.) Large flower of peculiar reddish purple, with large compact center of brown. Each 12c, dozen \$1.20**Rudbeckia Golden Glow.** (See half-tone plate XII.) — Produces masses of double, golden-yellow, Cactus Dahlia-like flowers. Each 10c, doz. \$1.00**Pyrethrum Roseum.**—Pink.

Each 15c, doz. \$1.50

Pyrethrum Uliginosum.—Large white, daisy-like flowers. Each 10c, dozen \$1.00**Statice Latifolia.**—Immense heads, two to three feet across, of deep blue flowers, which last for months if cut and dried. Each 20c, dozen \$2.00**Stokesia Cyanea.** (Cornflower Aster.)—Handsome, lavender blue, centaurea-like blossoms. Each 15c, dozen \$1.50**Tritoma Pfitzerii.**—(Everblooming Flame Flower.) —Blooms 12 inches long, of rich orange scarlet shading to salmony rose at edges. Each 15, dozen \$1.50**Yucca Filamentosa.**—Large, fragrant, drooping, creamy-white flowers. Each 20c, dozen \$2.00**Hardy Ornamental Shrubs AND Climbers****ROSES.** **HARDY HYBRID PERPETUAL ROSES.**—The Hybrid Perpetuals are considered the most valuable of all Roses. They are chiefly distinguished for their vigorous growth and fine large flowers, and for being entirely hardy. These roses must not be confounded with the dormant stock usually sold by department stores in spring, which invariably comes from Holland, where it is grown on low, wet land by unskilled peasant labor, and which are, as a rule, worthless in our climate.**American Beauty.**—This variety has been rightly described as an everblooming Hybrid Perpetual. The flowers are very large, of beautiful form and very double; color deep rich rose. The fragrance is delightful.**Baroness Rothschild.**—A magnificent rose; color rich satiny pink.**Paul Neyron.**—Deep shining pink. Good strong grower; almost thornless.**Mrs. John Laing.**—Beautiful soft pink.**Magna Charta.**—Clear rosy red.**Mme. Plantier.**—Fine bushy form and producing its white flowers in great abundance.**General Jacqueminot.**—Rich velvety Crimson, changing to scarlet crimson. A magnificent Rose; equally beautiful in bud state or open. Without a rival in fragrance and richness of color. Perfectly hardy.**Ulrich Brunner.**—Of rich, glowing crimson-scarlet color and fine shape. A splendid rose.**Persian Yellow.**—The Hardy Yellow Rose of our mother's garden. Perfectly hardy; flowers semi-double; golden yellow color.**2 Year Hardy Perpetual Roses.**— Each 25c**Moss Rose.**—Pink, ea. 25c **Moss Rose.**—White, ea. 25c**English Sweet, Briar Roses.**—Highly prized on account of the delightful fragrance of their leaves and young branches, single. Each 25c**New Hardy Yellow Rose "Soleil d'Or."**—Large, full, globular flowers, 3½ inches across and fragrant; buds conical; color varying from gold and orange-yellow to reddish gold, and shaded with nasturtium red. 2-year-old.**New Bedding Rose "Gruss an Teplitz."**—A profuse bloomer; handsome foliage. Large flowers of rich scarlet, shading to velvety crimson; very fragrant continuous; bloomer. 2-year-old Each 35c

ROSES.

Each 35c

HARDY CLIMBING ROSES.**Dorothy Perkins.**—(New.) Has exactly the same habit as Crimson Rambler, and equals that great rose in wealth of bloom. Flowers large and more double. Color a beautiful shell-pink. Fragrant; very hardy. Each 40c**Queen of the Prairie.**—Bright, rosy red, shading to soft pink. Each 25c**Baltimore Belle.**—Blush flowers in clusters. Each 25c**Crimson Rambler.** The Famous Hardy Climbing Rose, glowing crimson flowers in marvelous profusion. A rapid grower, making shoots from eight to ten feet during a season. Can also be grown in bush form. Flowers in immense trusses, pyramidal in shape, rich glowing crimson. It is exceedingly hardy, the wonder and admiration of all. Each 35c**Yellow Rambler.**— **White Rambler.**— Each 25c

HARDY MEMORIAL ROSE.—These hardy and lasting Roses creep over the ground like Ivy. The leaves are glossy dark green. The flowers have a strong Wild Rose fragrance. Especially adapted for use in cemeteries. Each 25c

Hardy Shrubs.

OUR SPECIAL CATALOGUE of Shrubs, Trees and Hardy Perennials will be sent on application. It contains a very complete list of ornamental and blooming shrubs and trees suitable for our western climate. It also describes and illustrates a very extensive list of Hardy Climbing Vines and Perennials.

FLOWERING ALMOND.—A beautiful delicate little shrub, with double, pink and white flowers.

Extra heavy ea. 35c, doz. \$3.50; heavy ea. 25c, doz. \$2.50

Altheas, or Rose of Sharon.—Shrub of the Hollyhock family, the same large showy blossoms.

Jeanne D'Arc.—Finest double white.

Boule de Feu.—

Double clear red.

Rosea.—Double pink.

Violacea

Plena.—Deep violet double.

Strong 3 year old plants— Dozen \$2.50, each 25c

Barberry, Thunbergi.—18 inches. Each 25c, dozen \$2.50

Barberry, Purpurea.—Large size. Each 25c, dozen \$2.50

Barberry Purpurea.—Extra size. Each 35c, dozen \$3.50

Cornus. (*Dogwood.*)—Extra size. Each 25c, dozen \$2.50

Crab, Bechtel's.—Beautiful double flowering tree, four to six feet. Each \$1.00

Cydonia Japonica. Japan Quince, two to three feet.

Each 25c, dozen \$2.50

Deutzia, Gracilis, 12 inches. Each 20c, dozen \$2.00

Pride of Rochester.—Two to three feet. Each 25c, doz. \$2.50

Pride of Rochester.—Three to four feet. Each 25c, doz. \$2.50

Elder, Cut Leaved. Extra large. Each 25c, dozen \$2.50

Hydrangea. Paniculata Grandiflora.—They are absolutely hardy, grow in any soil, and bloom the same year they are set out; they flower abundantly, bearing immense panicles of bloom, white at first and turning to rose in Autumn. Each 25c

LILAC.—White and purple. Each 15c and 25c

Persian.—White and purple. Each 25c, dozen \$2.50

Josikae.— Each 25c, dozen \$2.50

Mulberry. Tea's Weeping, 2 year heads. Each \$1.00

Peach.—Double flowering pink or white. Splendid ornamental trees, 4 to 6 feet. Each 40c, dozen \$4.00

Prunus Pissardi.—Three to four feet.

Each 40c, dozen \$4.00

Prunus Triloba.—Two to three feet.

Each 35c, dozen \$3.50

Philadelphus or Mock Orange. (*Grandiflora.*)—Large bushes. Each 25c, dozen \$2.50

Coronarius, fl. pl. double.—Extra large.

Each 35c, dozen \$3.50

SNOW BALL.—A well known favorite shrub.

3 feet. Each 25c, dozen \$2.50

Spirea. Van Houttei.—A very handsome variety; produces in wondrous pro-



CLEMATIS.

fusion its pure white flowers. Come in elegant plume-shaped clusters all over the bush.

Each 25c and 35c, dozen \$2.50 and \$3.50

Spirea, Anthony Waterer.—Round bushes not over two feet high; continues in bloom all Summer and Fall; rich rosy-red. Each 25c, dozen \$2.50

Weigelas.—Rosea,

Variegata,

Floribunda,

Candida,

Eva Rathke,

Large size, each 25c,

dozen 2.50

Extra large size, each

35c, dozen \$3.50

HARDY ORNAMENTAL CLIMBING VINES.

CLEMATIS. The most beautiful class of flowering climbers. They must have a sunny location and good culture; dig the ground deep, make it rich, and water whenever needed. For covering verandas, pillars, trellises, or any other unsightly tall object there is nothing to compare with the Clematis.

Sieboldii.—Lavender colored; very fine.

3 years 65c and 75c each.

Jackmani.—Rich deep velvety purple flowers. Blooms with astonishing profusion.

2-year, each 50c; 3 years old, each 65c and 75c

Standishii.—Light mauve purple. } 3 years, each

Henryi.—Pure white; very large. } 65c and 75c

Paniculata. (Sweet-scented Japan Clematis.)—In our opinion this fine vine takes equal rank with the Boston Ivy (*Ampelopsis Veitchii.*) It grows amazingly fast and bears pure white flowers in great sheets during September. 3 years, each 35c

Coccinea.—Bright coral red.

Each 25c

Ampelopsis Veitchii. **Boston Ivy.**—Unexcelled as a hardy climbing vine for covering walls; it clings firmly to the smoothest surface and being of luxuriant growth covers it with a perfect mass of beautiful green foliage; 2 feet.

Each 25c

Ampelopsis Engelmani.—Larger foliage than Veitchii; 1½ feet.

Each 20c, dozen \$2.00

**HARDY ORNAMENTAL
CLIMBING VINES.** CONTINUED.

Actinidea Polygama. (*Silver Sweet Vine*).—Foliage on ends of flowering shoots is of silvery white color. Rapid climber. 3 year plants. Each 40c
Forsythia Viridissima.—Leaves dark green; flowers bright yellow, blooms very early in Spring. Each 25c

Honeysuckle. **Scarlet Trumpet.**—Rapid grower and produces scarlet, inodorous flowers all summer. Climber. 2 feet. Each 25c, dozen \$2.50
Hall's Japan.—Yellow. 2 year. Each 25c
Matrimony Vine.—Rapid grower, covered with scarlet fruit in autumn. 2 year plants, each 25c
Wistaria Sinensis.—Flowers blue in drooping racemes. 3 year, each 50c

FRUIT PLANTS.

Currants.—Fay's Prolific, large red, 2 years
 Wilder, large, prolific red, 2 years .
 White Grape, very large, 2 years.
 White Dutch, 3 years
 Red-Dutch, 3 years. Each 20c, dozen \$2.00
Grapes. **Brighton.**—Dark red.
Concord.—Well-knowns, reliable blue.
Niagara.—Light, greenish-white; strong 2 year old plants.
Catawba.—
Delaware.— Each 20c, dozen \$2.00

Gooseberries. **Industry.**—Large, sweet, early, red.

Two year old, each 20c, dozen \$2.00

Red Jacket.—Large, smooth, bright red.
 Two year old, each 20c, dozen \$2.00

Downing.—Large whitish green.

Raspberries.—Columbian, dark red. Cuthbert, deep rich crimson.

Cumberland.—The best black. Each 5c, doz. 50c

PLANTS. We grow large quantities of Vegetable and Flower Plants and can supply all leading varieties in season. :: :: :: :: :: :: ::

Fruit and Ornamental Trees

We supply all leading Fruit and Ornamental Trees at lowest prices. :: :: :: ::

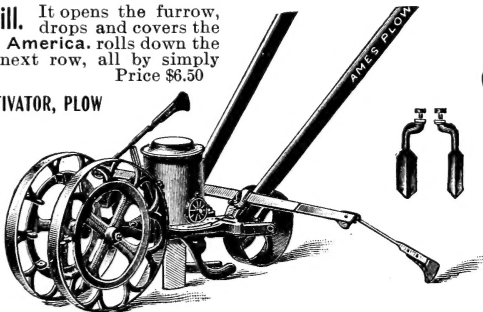
TOOLS AND IMPLEMENTS.

The Genuine Matthews Seed Drills, Single and Combined; Hand Cultivator and Wheel Hoes.

Matthews New Universal Drill. It opens the furrow, drops and covers the seed. The Standard Drill of America. rolls down the earth over it and marks the next row, all by simply pushing the drill forward. Price \$6.50

MATTHEWS COMBINED DRILL, CULTIVATOR, PLOW AND DOUBLE WHEEL HOE.

It is not only a desirable combination of the Garden Drill with the new universal cultivating attachments, but it has the advantage of being either a double wheel or single wheel implement at will.



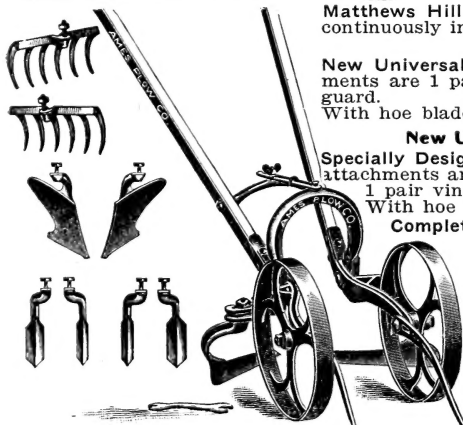
Matthews Hill and Drill Seeder.—Is so arranged as to drop the seed either continuously in drill, or at distances of 4, 6, 8, 12, 16, 24 and 48 inches apart. Price boxed, \$7.25.

New Universal Single Wheel Hoe, Cultivator, Rake and Plow.—The attachments are 1 pair hoes, 5 cultivator teeth, 1 pair plows, 1 pair rakes, 1 vine guard. Price, \$4.75.
 With hoe blades only, Price, \$2.75

New Universal Double Wheel Hoe, Cultivator, Rake and Plow.

Specially Designed for Working Both Sides of the Row at One Passing. The attachments are 1 pair hoes, 4 cultivator teeth, 1 pair plows, 1 pair rakes and 1 pair vine guards. Price boxed, \$5.50
 With hoe blades only, Price, \$3.50

Complete List of Matthews' Garden Tools Free on Application.

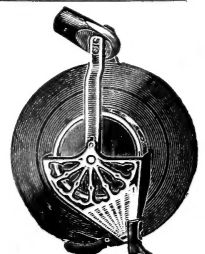


Used by planters who have only a small garden, and for large gardeners who have hot beds.

The EUREKA SEED DRILL

For Kitchen Garden and Hot Bed.

It will sow and cover Beet, Cabbage, Carrot, Celery, Lettuce, Onion, Radish, Spinach, Turnip and all such seeds with the greatest regularity. It opens the furrow, drops and covers the seed. Sows up close to the sides of a hot bed in straight rows. This drill is not a toy, but a practical machine. Price 1.00



"PLANET JR." FARM AND GARDEN TOOLS

Space will not permit our showing and describing all of the "Planet Jr." tools but we will send a fully illustrated catalogue FREE FOR THE ASKING to any who desire it, and we can supply promptly anything ordered. "Planet Jr." goods are standard machines, the best on the market. In sending your orders to us, you can rely on getting bottom prices.

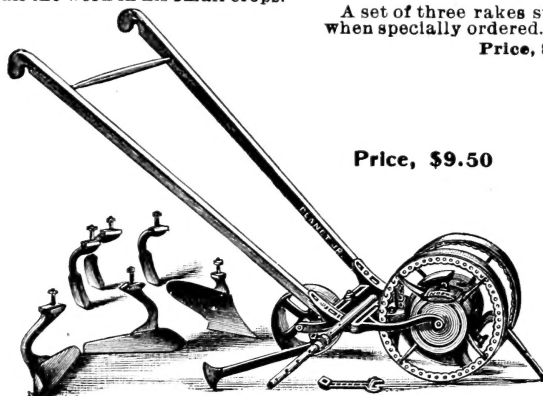
"PLANET JR." No. 4.

COMBINED HILL AND DRILL SEEDER, SINGLE WHEEL HOE, CULTIVATOR AND PLOW.

THIS admirable tool combines in a single convenient implement a capital hill dropping seeder, a perfect drill seeder, a single wheel hoe, a cultivator, and a plow. It holds two quarts, a single seeder it sows in a continuous row, or drops in hills at five different distances. It is thrown out of gear by simply raising the handles. The index is accurate, simple and easily set. The drill is detached and the tool frame substituted by removing but one bolt. It then becomes a single wheel hoe, garden-plow or cultivator. It is useful almost every day of the season, at every stage of garden work. With this one implement the small farmer can do practically all the work in his small crops.

A set of three rakes supplied when specially ordered.

Price, \$1.00



Price, \$9.50



Price, Complete
\$10.50
As a Drill only
\$8.50

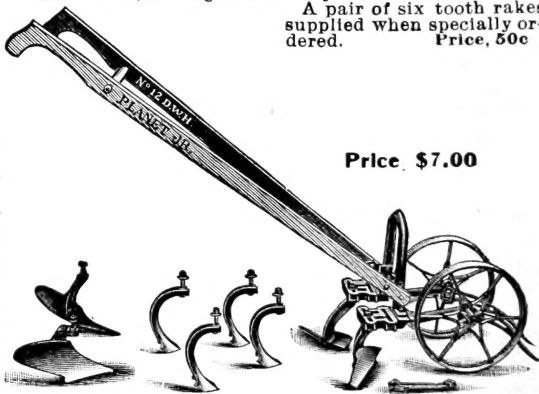
"PLANET JR." No. 1.

COMBINED DRILL SEEDER AND WHEEL HOE, CULTIVATOR AND PLOW.

THIS has been long the most popular combined tool made. From a drill it is changed to its other uses by removing two bolts, when hoes, etc., can be quickly attached. It is an excellent seed sower, a first-class double or single wheel hoe, an excellent furrower, an admirable wheel cultivator, and a rapid and efficient garden plow. It is a practical, every-day time and labor saver, and a grand remedy for backache.

A pair of six tooth rakes supplied when specially ordered.

Price, 50c



Price, \$7.00

No. 12 DOUBLE WHEEL HOE.

THIS perfected wheel hoe is invaluable for use in all small crops. Its variety of work is almost incredible. Changes and adjustments of the tools are made with the greatest quickness. It has 11-inch wheels, which can be set at four different distances apart; the frame is malleable, with ample room for tool adjustment and can be set three different heights. The handles are adjustable at any height, and, being attached to the arch, are undisturbed in making changes of adjustment in frame, wheels or tools. The arch is of stiff steel, unusually high; the quick change frame permits the tools to be changed without removing the nuts.

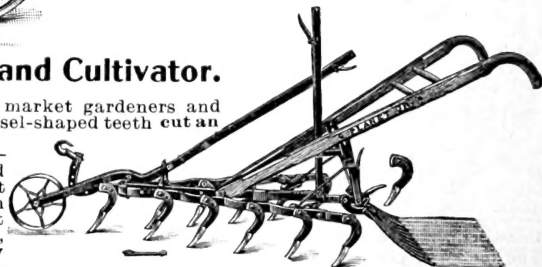
Price, \$5.00



No. 17 SINGLE WHEEL HOE.

THIS latest and best single wheel hoe has a very full set of tools, several of them being of new design, such as have been found to work in the very best manner. It has 11-inch wheel, with broad face; is very light, strong and easy running. It has adjustable handles and quick-change frame.

Price, Plain \$5.80. Price, with Wheel \$6.90
Price, Complete, \$8.50



"Planet Jr." Twelve-Point Harrow and Cultivator.

THIS tool has rapidly grown into favor with farmers, market gardeners and strawberry growers. It has a high frame and the chisel-shaped teeth cut an inch wide each.

The foot lever pulverizer is a capital addition for preparing ground for the seed drill or for plant setting. Hand levers regulate both width and depth while in motion; it contracts to 12 inches, and may be further reduced in width by taking off the outside teeth; it expands to 32-inches. It cultivates deep without throwing earth upon the plants, and the smooth, round-throated teeth turn strawberry runners without injuring them. Strawberry Runner Cutter Attachment consisting of a 10-inch flat steel disc mounted on an outrigger, extra. Price, \$1.75

GARDEN TOOLS AND SUNDRIES

Prices do not include Postage.



Fig. 6



Fig. 9



Fig. 5



Fig. 1



Fig. 7



Fig. 3



Fig. 10



Fig. 2

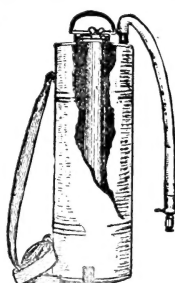


Fig. 4



Fig. 8



Fig. 11

Baskets—Wire hanging. 15c, 20c, 25c, 30c, 35c
According to style and size.
Baskets—Earthenware hanging. 6 in. 15c, 8 in. 20c
Dandelion Puller, Whitnall's—Each 25c, postpaid 40c.
Dandelion Puller, English, (Fig. 1)—The best and most
practical tool for extracting dandelions. Each 40c
Dibber (Fig. 2)—For transplanting vegetable plants;
steel point. Each 30c, by mail 40c

FERTILIZERS

Bone Meal—Ground very fine, hence acts quickly. Guaranteed analysis: Nitrogen 4.05, phosphoric acid 22.00. Quantity required—For rose beds and plants, 1 part to about 50 of soil; for starting a new lawn 3 to 5 lbs. per 100 square feet. 5 lbs. 25c; 10 lbs. 40c; 25 lbs. 75c; 50 lbs. \$1.25; 100 lbs. \$2.00.
Plant Food—A preparation especially designed for pot plants. Results obtained from its use are rapid and vigorous growth and an increased yield of larger flowers. Package 15c, by mail 20c
Japanese Palm Food—For palms, ferns and rubber plants. Package 15c, by mail 20c

INSECT DESTROYERS

Ant Exterminator—Box 15c
Bordeaux Mixture—Quart 25c
Grape Dust—Pound 10c
Heliole, Powdered—Less poisonous than Paris Green. Pound 25c, 1/2 lb. 8c
Kerosene Emulsion—Quart 40c
Paris Green—Pound 25c
Persian Insect Powder—Pound 40c, 1/2 lb. 15c



Sulpho-Tobacco Soap—Quickly exterminates all insect life on plants and flowers in and out of doors. Unsurpassed for rose bushes. It acts as a valuable fertilizer, reviving plant life. 3 oz. cake sufficient for 1 1/2 gallons prepared solution, 10c; mailed, 13c.

8 oz. cake, sufficient for 4 gallons prepared solution, 20c; mailed 28c

Slug Shot, Hammond's—Guaranteed to destroy potato bugs and those on tomato and egg plants, currant worms, cabbage lice and worms, fleas, beetles and striped bugs on melons, turnips, beets, onions, etc.; canker worms and caterpillars on fruit and ornamental trees.

Pound 7c, 5 lb. package 30c, 10 lb. package 50c
Slug Shot Duster—Made of tin, with handle and perforated bottom, holds 1/2 gallon. 35c

Tobacco Dust—Pound 10c
Whole Oil Soap—An excellent wash for trees and plants. Pound 15c

Duster, Leggett's Little Giant (Fig. 3)—Dusts two rows at a time. Each \$5.50

Garden Line Reel—Each 50c
Garden Line—Extra heavy braided. Per 100 ft. 60c

GLAZING MATERIALS

Mastic—For glazing sashes, greenhouses, etc. Superior to putty. Gallon \$1.25
Machine for applying above. Each \$1.25
Glazing Points, Van Ruyper Perfect—Per 1000, 75c

Putty Bulbs, Scollay's Rubber—Used in applying putty to sashes, greenhouses, rafters, etc. Each 75c
Grafting Wax—1/2 lb. 15c, 1 lb. 25c
Grass Edger, Planet Jr.—Does straight or curved edging at a speed of a mile an hour. \$6.00
K. Ives, Asparagus—Each 35c
Knives, Potato, Humphrey's—Each 30c
Labels—Wooden, for pots, painted, 4 inch. Per 100 15c
Labels—Tree, copper wired, painted, 3 1/2 inch. Per 100 25c
Pots, Flower—All sizes.

SPRAYERS

New Era Sprayer—The fine mist is evenly distributed that tender plants are not injured. Tin, each 35c Galvanized, each 50c Brass, each 75c
Auto-Spray (Fig. 4)—Eight to ten strokes of plunger in air chamber will compress enough air to discharge the entire contents and make a continuous spray for nine minutes. Ask for circular.
Galvanized reservoir, Each \$4.50
Brass reservoir, Each \$6.00
Galvanized, equipped with "Auto Pop." Each \$5.50
Brass, equipped with "Auto Pop." Each \$7.00
Extension Rod—2 ft. lengths, brass, Each 30c
Galvanized, Each 25c

Write for Special Catalogue of SPRAYERS.

Potato Sprayer—For 4 or 6 rows, one horse. Write for description and prices.
Auto-Spray No. 30—White-wash, paint and spraying machine. Capacity 8 gals. Each \$12.00
Sprinkler, Scollay's Rubber—Each 85c, by mail 95c
Raffia—Best tying material. Pound 20c
Colored Raffia—1/2 lb. 20c, pound 60c

By mail 1c per ounce extra.

Reeds or Rattan—For basket work. Write for prices.

TROWELS

English Steel (Fig. 11)—6 inch. Each 30c
Cleve's Angle (Fig. 5)—Narrow. Each 15c
Garden—6 inch. Each 10c
Shears, Grass—Each 35c
Stakes, Cane—6 to 8 ft. long. Dozen 25c, 100 \$1.00
Tree Pruner, Water's (Fig. 6)—6 ft. 75c, 8 ft. 90c, 10 ft. \$1.00.
Tubs, Flower Columbian (Fig. 7)—Being made of the best cypress lumber, will keep for years without rotting.
12x11 in. Each \$1.00 21x18 1/2 in. Each \$2.50
15x14 in. Each 1.50 24x20 1/2 in. Each 3.00
18x16 1/2 in. Each 2.00

Clara Cemetery Vase—A very handsome glass vase for the cemetery. The lower end is pointed so that it can easily be imbedded in the ground. Each 40c
Enamelled Cemetery Vase—Heavy tin, enameled white. Two sizes. Each 20 and 25c

WEEDERS

Excelsior (Fig. 8)—Hand weeder. Each 10c
Lang's (Fig. 9)—Hand Weeder. Each 20c
Combination (Fig. 10)—Each 20c
Eureka—Each 35c



Sure Death to Dandelions—Full directions and atomizer with each bottle. Pint 50c, quart 75c

